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1911/12

# Otterbein University Bulletin

New Series Volume VIII. Number 4

April, 1912

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## CATALOGUE NUMBER

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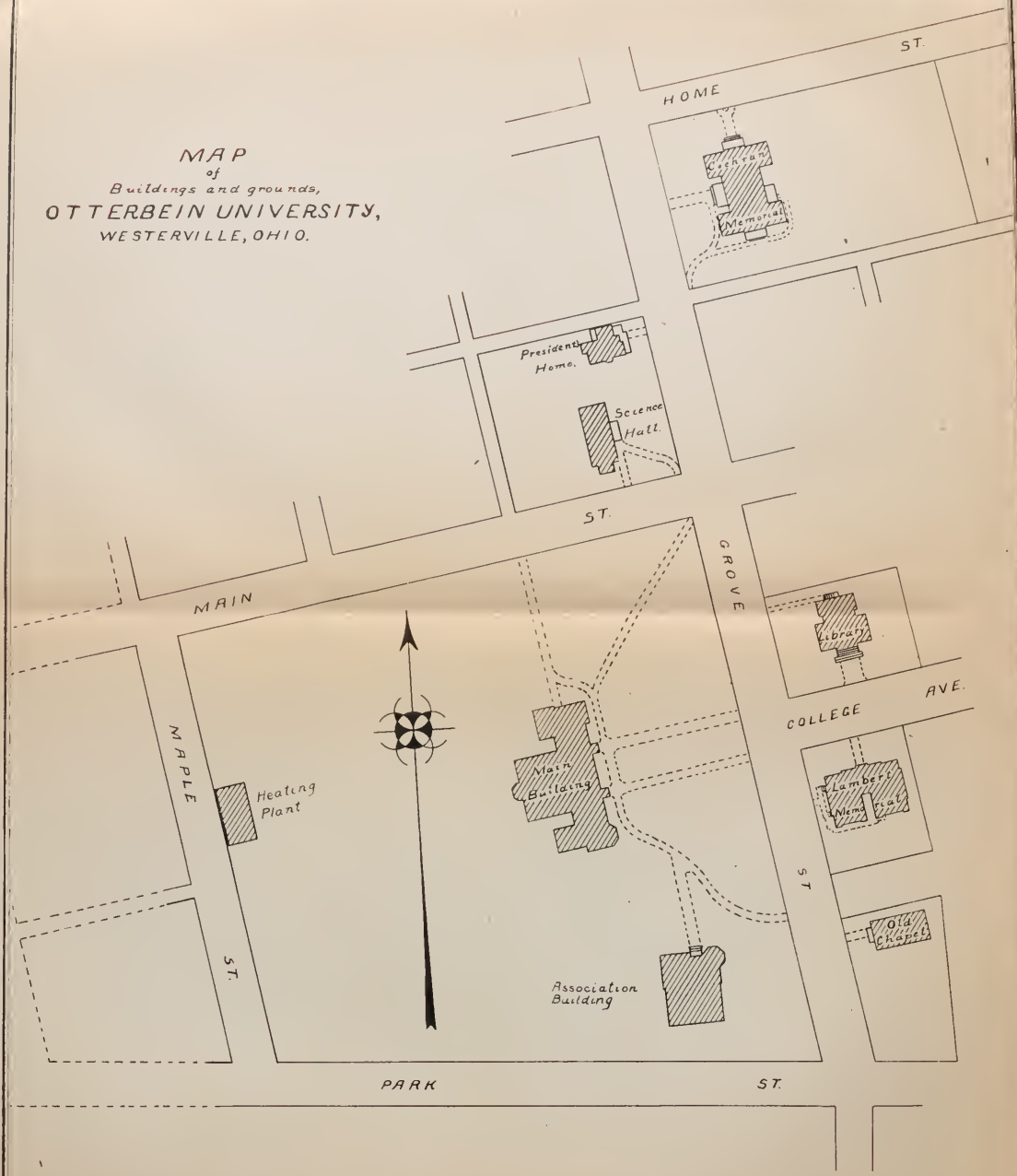


The above sketch does not include the new grounds covering 29 acres, recently purchased by the University.

SIXTY-FOURTH CATALOGUE
OF

# OTTERBEIN UNIVERSITY

FOR THE YEAR ENDING
JUNE 13, 1912

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS.

WESTERVILLE, OHIO
PUBLISHED BY THE UNIVERSITY
1912

## CALENDAR 1912

| JAN. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
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## CALENDAR 1913

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# CALENDAR

## 1912

Last Registration Day for First Semester, Monday, June 3.

Commencement Open Session of the Cleiorhetean Literary Society, 7:00 p.m., Thursday, June 6.

Commencement Open Session of the Philalethean Literary Society, 6:30 p.m., Thursday, June 6.

Commencement Open Session of the Philomathean Literary Society, 6:30 p.m., Friday, June 7.

Commencement Open Session of the Philophronean Literary Society, 6:45 p.m., Friday, June 7.

President's Reception, 8:00 p.m., Saturday, June 8.

Baccalaureate Sermon, 10:15 a.m., Sunday, June 9.

Annual Address before the Christian Associations, 7:30 p.m., Sunday, June 9.

Reception by Cleiorhetean Literary Society, 10:00 a.m., Monday, June 10.

Reception by Philalethean Literary Society, 10:00 a.m., Monday, June 10.

Annual Banquet of Philalethean Literary Society, 11:30 a.m., Monday, June 10.

Reception by School of Art, 2:00 p.m., Monday, June 10.

Annual Dinner of Cleiorhetean Literary Society, 5:00 p.m., Monday, June 10.

Concert by Choral Society, 8:00 p.m., Monday, June 10.

Meeting of Board of Trustees, 9:00 a.m., Tuesday, June 11.

Annual Field Day and Track Meet, 2:30 p.m., Tuesday, June 11.

Graduating Exercises of Music Department, 7:30 p.m., Tuesday, June 11.

Annual Banquet of Philophronean Literary Society, 8:30 p.m., Tuesday, June 11.

Annual Banquet of Philomathean Literary Society, 8:30 p.m., Tuesday, June 11.

Senior Class Play, "Ingomar," 8:00 p.m., Wednesday, June 12.

Fifty-sixth Annual Commencement, 9:30 a.m., Thursday, June 13.

Alumni Anniversary, 12:00 m., Thursday, June 13.

Summer School Begins, Monday, June 17.
Summer School Ends, Friday, July 26.
First Semester Begins, 10:00 a.m., Wednesday, September 11.
Annual Russell Prize Declamation Contest, 8:00 p.m., Saturday, November 23.
Thanksgiving Holiday, Thursday, November 28.
Christmas Recess Begins, 4:00 p.m., Friday, December 20.

**1913**

Christmas Recess Ends, 8:45 a.m., Tuesday, January 7.
Registration Day for Second Semester, Monday, January 20.
First Semester Ends, Tuesday, January 28.
Second Semester Begins, Wednesday, January 29.
Day of Prayer for Colleges, Thursday, January 30.
Easter Recess Begins, 4:00 p.m., Friday, March 21.
Easter Recess Ends, 8:45 a.m., Tuesday, March 25.
Annual Russell Prize Oratorical Contest, 8:00 p.m., Saturday, May 24.
Last Registration Day, Monday, June 2.
Second Semester Ends, 4:00 p.m., Wednesday, June 11.
Fifty-seventh Annual Commencement, Thursday, June 12.
Summer School Begins, Monday, June 16.

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## DEPARTMENTS OF THE UNIVERSITY

I. College.
II. The Martin Boehm Academy.
III. School of Music.
IV. School of Art.
V. Normal. (See Summer School.)

For catalogue or other information write to

WALTER G. CLIPPINGER,
*President*
Westerville, Ohio.

## CORPORATION

### BOARD OF TRUSTEES

*President*—W. R. Funk, D.D., Dayton.
*Secretary*—Edgar L. Weinland, Ph.B., LL.B., Columbus.

*Allegheny Conference.* TERM EXPIRES

Rev. S. W. Keister, A.M., D.D., Westerville, Sept., 1912
Rev. B. L. Seneff, A.M., Westerville.....Sept., 1914
James B. Thomas, Johnstown, Pa.....Sept., 1916

*East Ohio Conference.*

Rev. W. S. White, A.B., B.D., Akron.....Sept., 1912
G. A. Garver, Strasburg.....Sept., 1914
A. A. Moore, Barberton.....Sept., 1916

*Erie Conference.*

Rev. C. E. Foster, Bradford, Pa.....Sept., 1913
Rev. P. N. Bennett, Elyria.....Sept., 1915
Rev. I. Bennehoff, Fredonia, N. Y.....Sept., 1917

*Miami Conference.*

Charles Hall, Dayton.....Aug., 1912
Rev. Henry A. Sechrist, Westerville.....Aug., 1913
L. O. Miller, Dayton.....Aug., 1915

*Michigan Conference.*

Edward A. Saudy, Woodland, Mich.....Sept., 1913
Rev. J. A. Blickenstaff, Hastings, Mich.....Sept., 1915
Hon. Fred P. Geib, Grand Rapids, Mich....Sept., 1917

*Ohio German Conference.*

Rev. H. J. Fischer, Baltimore, Md.....Sept., 1912
Eugene Schaefer, Cincinnati.....Sept., 1913
Rev. J. Assel, Cincinnati.....Sept., 1914

*Sandusky Conference.*

Rev. C. B. Fletcher, D.D., Fostoria.....Sept., 1913
Judge W. S. Lott, Toledo.....Sept., 1915
Rev. W. O. Fries, A.M., D.D., Dayton.....Sept., 1917

*Southeast Ohio Conference.*

E. S. Neuding, Circleville.....Sept., 1913
John Hulitt, Hillsboro.....Sept., 1915
Rev. George Geiger, Hillsboro.....Sept., 1917

*West Virginia Conference.*

Rev. A. H. Reese, Huntington, W. Va.....Sept., 1913
Rev. F. G. Radabaugh, Wilbur, W. Va.....Sept., 1915
Ernest Phillips, Buckhannon, W. Va.....Sept., 1917

**TRUSTEES AT LARGE**

G. A. Lambert, Anderson, Ind.....June, 1912
John Thomas, Jr., A.B., Johnstown, Pa.....June, 1912
Rev. W. R. Funk, D.D., Dayton.....June, 1913
George W. Bright, Columbus.....June, 1913
Rev. S. S. Hough, D.D., Dayton.....June, 1913
Fred H. Rike, A.B., Dayton.....June, 1914
John W. Ruth, Scottdale, Pa.....June, 1914
Joseph J. Knox, Columbus.....June, 1914

**ALUMNI TRUSTEES**

Bishop Geo. M. Mathews, D.D., Chicago, Ill., June, 1912
Hon. Lewis D. Bonebrake, LL.D., Indianapolis, Ind.....June, 1912
Edgar L. Weinland, Ph.B.,LL.B., Columbus.June, 1912

*Prof. A. B. Shauck, B.S., Litt.D., Dayton...June 1913
A. L. Keister, B.S., Scottdale, Pa.....June, 1913
S. J. Flickinger, A.M., Dayton.....June, 1913
Judge Charles M. Rogers, Columbus.....June, 1914
Henry F. Detwiler, Uniontown, Pa.....June, 1914

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* Died, December 24, 1911.

**EXECUTIVE COMMITTEE**

Walter G. Clippinger, A.B., D.D., *Chairman.*
W. O. Baker, *Secretary.*
W. R. Funk, D.D.
W. O Fries, D.D.
E. L. Weinland, Ph.B., LL.B.

**JANITORS**

David H. Harris
Albert L. Moon
Isaac M. Fawcett

## FACULTY COMMITTEES

*College Committee on Classification*—Chas. Snavely and J. W. Funk.

*Academy Classification Committee*—R. H. Wagoner and J. P. West.

*Degrees*—W. G. Clippinger, T. J. Sanders, and F. E. Miller.

*Athletics*—A. P. Rosselot, S. J. Kiehl, and H. J. Heltman.

*Library*—Tirza L. Barnes, Alma Guitner, and E. A. Jones.

*Bulletins*—W. G. Clippinger, Edna Moore, and George Scott.

*Publicity*—W. G. Clippinger.

*Schedule*—F. E. Miller and Sarah M. Sherrick.

*Chapel Tellers*—R. H. Wagoner, L. A. Weinland, and S. J. Kiehl.

*Administration*—N. E. Cornetet, Chairman; T. J. Sanders, Sarah M. Sherrick, R. H. Wagoner, and L. A. Weinland.

*Curriculum*—W. G. Clippinger, George Scott, T. J. Sanders, F. E. Miller, John W. Funk, and Sarah M. Sherrick.

*Alumni Officers*—Alma Guitner and T. J. Sanders.

*Teachers' Exchange*—W. G. Clippinger, T. J. Sanders, and George Scott.

---

## OFFICERS OF ADMINISTRATION

Walter G. Clippinger, A.B., D.D., *President.*

Noah E. Cornetet, A.M., *Registrar.*

Louis A. Weinland, A.M., *Secretary of the Faculty.*

W. O. Baker, *Secretary and Treasurer of the College.*

Tirza L. Barnes, B.S., *Librarian.*

Teresa M. Carey, *Matron of Cochran Hall.*

Anna Hortense Potts, *Secretary to the President.*

## THE UNIVERSITY

### FACULTY

WALTER GILLAN CLIPPINGER, A.B., D.D.
PRESIDENT
*Psychology and Education*

GEORGE SCOTT, Litt.D., Ph.D., LL.D.
*Flickinger Professor of Latin Language and Literature*

FRANK E. MILLER, Ph.D.
*Dresbach Professor of Mathematics*

REV. THOMAS J. SANDERS, Ph.D.,
*Hulitt Professor of Philosophy*

RUDOLPH H. WAGONER, A.M.
PRINCIPAL OF THE ACADEMY
*Instructor in Latin and Mathematics*

CHARLES SNAVELY, Ph.D.
*Professor of Sociology and Economics*

ISABEL SEVIER SCOTT
*Director of the School of Art*

TIRZA L. BARNES, B.S.
*Librarian*

ALMA GUITNER, A.M.
*Hively Professor of German Language and Literature*

REV. NOAH E. CORNETET, A.M.
REGISTRAR
*Professor of Greek Language and Literature*

SARAH M. SHERRICK, Ph.D.
*Professor of English Literature*

LULU MAY BAKER, A.B.
*Instructor in Piano*

ALZO PIERRE ROSSELOT, A.M.
*Professor of Romance Languages and Literatures*

GLENN GRANT GRABILL
*Director of the Conservatory of Music*

DAISY CLIFTON, B.F.A.
*Instructor in China Painting and Water Color*

WILLINGTON ORLANDO MILLS, A.M.
*Merchant Professor of Physics and Astronomy*

MAUDE ALICE HANAWALT
*Instructor in Piano*

LOUIS AUGUSTUS WEINLAND, A.M.
SECRETARY OF THE FACULTY
*Professor of Chemistry*

JAMES PORTER WEST, A.M.
*English, History, and Civics*

ANNA DELL LAFEVER, Ph. B.
*Assistant Librarian*

JOHN WALDO FUNK, A.B., M.D.
*Professor of Biology and Geology*

FRANK JORDAN RESSLER, Ph.B.
*Instructor in Voice*

EDNA GRACE MOORE, A.M.
*Professor of Rhetoric*

SAMUEL JACOB KIEHL, A.B.
*Assistant Professor of Mathematics*

EDMUND A. JONES, A.M., Ph.D.
*Professor of Bible and History*

GRACE E. DENTON
*Instructor in Piano and Voice*

LUELLA C. SOLLARS
*Instructor Applied Design and Public School Art*

LUCELL E. GILBERT
*Instructor in Violin, Stringed, and Band Instruments*

HARRY J. HELTMAN, B.S.
*Professor of Public Speaking and Oratory*

FLOYD E. WILLIAMS
*Tutor in English*

GLADINE TULLER
*Physical Director for Women*

CHARLES F. SANDERS
*Physical Director for Men*

WILLIAM J. GARDNER
*Athletic Director for 1912-13*

TERESA M. CAREY
*Matron of Cochran Hall*

REV. SAMUEL F. DAUGHERTY, A.M., B.D.
*College Pastor*

ANNA HORTENSE POTTS
*Secretary to the President*

ETHEL MAY OLDS
*Stenographer*

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NOTE—For additional instructors see Summer School Faculty.

## GENERAL INFORMATION

### HISTORICAL STATEMENT

With the founding of Otterbein University began the work of higher education in the United Brethren Church. Further it may be said that the father of Otterbein University, Rev. Lewis Davis, D.D., though not its first president, is also the father of higher education in the United Brethren Church.

The General Conference of 1845 authorized and recommended the founding of a college. The Board of Trustees met for its first session in Westerville, April 26, 1847. The work of the College began September 1, 1847. On account of a lack of equipment and sufficient instructors the College at the first was not permitted to confer degrees. It struggled on through ten years of effort before it succeeded in graduating any of its students, and then only two. In this respect its early history, as Dr. Henry Garst appropriately points out in his "History of Otterbein University," is similar to that of Yale University, which almost a century after its founding had only one professor and three tutors in addition to the president.

From that time to the present Otterbein has made growth and progress through varying degrees of success and failure from a plant valued originally at $1,300 with only one full teacher and three instructors, to a plant whose present valuation, including endowment, is considerably over $400,000, with a faculty of thirty regular professors, several instructors and tutors, and eight splendid buildings.

This has not been reached without a large expenditure of energy and a great amount of loyal self-sacrifice on the part of a dozen faithful presidents and a host of devoted instructors and friends who, by their untiring zeal and intense devotion to the cause of education, now helped save the institution from financial death, and now speeded it on its way to higher success.

Notwithstanding its unfortunate title, "University," Otterbein has always been a modest unpretentious institution, never assuming to do more than a first-class college should attempt, but always endeavoring to fulfill all its own claims as an institution of higher education. By following such a policy, she has succeeded in winning for herself a high standing among the other colleges of the country, and especially in the larger universities where the graduate work done by her students takes high rank.

True to this safe and conservative policy, this institution has not gone off after fads, but has offered the traditional liberal arts courses demanded of a school of this character. In recent years, however, in order to meet the pressing demands of the age, more emphasis has been placed upon the importance of scientific work. This will be given still greater attention in coming years. A large number of electives in all departments is now offered, and adjunct departments of music and art have been established.

Notwithstanding this apparently conservative policy, Otterbein has been aggressive in that she has stood out in a marked fashion with an identity peculiarly her own in several particulars. In its ultimate analysis the real test of an institution is not in courses offered, nor in the beauty or value of its plant, but in the quality

and character of its students and graduates, and in the trend in life which it gives them. A few examples will serve to illustrate. Otterbein furnished the first State Young Women's Christian Association secretary in the world. Its Young Men's Christian Association and its Young Women's Christian Association were the first College Associations in the State, and its splendid building for Association purposes was the first of its kind in the country. Add to this the fact that the students themselves provided the means for its construction and the event becomes the more significant. Otterbein was the second college in the world to admit women on an equality with men. In slavery times she stood out stanchly in defense of the rights of the black man, and has always figured prominently in temperance movements. Other marks which differentiate the institution from the average college of her size are the excellent quality of work done in her literary societies, the absence of fraternities, and the constant loyalty of her student body in both dark and sunny days of her history.

In recent years Otterbein has enjoyed unparalleled prosperity. Her student body and her material equipment have been greatly increased. Four new buildings, Cochran Hall, the Carnegie Library, the Lambert Fine Arts Building, and the Heating Plant, have been erected, the three former being gifts of individuals. The student body has reached almost five hundred, with over two hundred in the college classes, fifty of whom are seniors. The endowment has not kept pace with the other aspects of growth.

The characteristic religious spirit and healthy, normal social and moral life were never better. The work

in athletics never was more encouraging and satisfactory than this year. She maintains her well-earned place in the front ranks of the colleges of Ohio. Of the forty-five colleges of the State there are twenty which, by virtue of their standing, belong to the College Association. Of these Otterbein is one, and ranks high in her class. She is a member also of the North Central Association of colleges and secondary schools. Easy access to Columbus, one of the chief railroad centers, by both steam and electric lines, and an outlet to the north by the Pennsylvania Railroad, make the town of Westerville an ideal location for a college. Besides, its beautifully-shaded and well-paved streets, its electric lights, natural gas, pure water, and beautiful homes, with green lawns and strictly temperance policy, make it a desirable place in which to live.

While her past has been noble and her record honorable, her immediate needs are pressing and numerous. The immediate purpose of the management looks toward the following: The securing of a half-million dollars' new endowment, the enlarging and beautifying of the campus, the purchase of an athletic ground, the construction of a new science building, an academy building, a new dormitory, and the enlargement of the present chapel. All these things must be supplied quickly if she is to continue to occupy the splendid place she has so worthily earned in the educational world.

To this we pledge our prayers and service in the confident hope that men and women of means and influence will unite in rendering their share toward the "Greater Otterbein."

## BUILDINGS AND GROUNDS

Otterbein's buildings and campus occupy about forty acres of ground on the west and north sides of the village of Westerville, part of which inclines gradually toward a bluff overlooking beautiful Alum Creek. About nine acres of this ground are in one plat, the balance in various contiguous locations divided only by streets.

The campus is beautifully shaded by majestic maples and elms, making not only a comfortable, but an artistic location for college buildings. The college group consists of eight commodious structures, as follows:

1. *The Administration Building*—This is a large four-story structure of brick in Gothic style of architecture. It contains twelve large recitation rooms, four society halls, a faculty room, chapel, and executive offices.

2. *The Science Building*—This building was formerly known as Saum Hall. It is a three-story brick building in which is conducted the work of the various science departments. These departments have become so large that they have outgrown their present quarters. Plans are now being prepared for a new Science Building sufficiently large to accommodate the growing student body.

3. *The Association Building*—This building is devoted to the interests of the Young Men's and Young Women's Christian Associations. It was constructed in the year 1892 by the student body itself with the aid of friends. It was the first College Association building in the State of Ohio. It is a large and commodious building, built of brick, and contains a well-equipped

gymnasium and baths, an assembly room, reception parlors, and committee rooms.

4. *Cochran Hall*—This commodious and modern dormitory for girls was constructed through the generous gift of Mrs. Sarah B. Cochran, of Dawson, Pa., in the year 1905. It is built of red brick, faced with stone, and is beautifully located just northeast of the main campus. It contains rooms enough to accommodate seventy-eight young ladies, besides which there are apartments for the matron and janitor's family. In addition there is a dining room sufficiently large to accommodate over one hundred. Also, spacious parlors and reception rooms.

5. *The Carnegie Library*—This beautiful structure of classic architecture is built of light gray brick trimmed with stone. It is the gift of Andrew Carnegie, and has accommodations for the college library, with reading and consulting rooms.

6. *The Lambert Fine Arts Building*—This splendid structure, four stories high and built of light buff brick, is the generous gift of Mr. G. A. Lambert, of Anderson, Indiana, in memory of his wife. It is the home of the Conservatory of Music and the Art Department of the University, and has, in addition to the practice rooms, a splendid assembly room, private offices, and studios.

7. *The Heating Plant*—This building is a cement structure and is equipped with three large boilers of sufficient capacity to furnish heat for a greatly enlarged plant.

8. *The President's House*—The President's House is a comfortable nine-room structure located on the north side of the college campus.

All the buildings are lighted with both gas and electricity, have hot-water heating, and are connected with the city water and sewerage system.

## LOCATION

Otterbein University is located at Westerville, Ohio, twelve miles north of Columbus, on the Cleveland, Akron and Columbus branch of the Pennsylvania Railway. There are eight trains per day stopping at Westerville, which make the run in twenty minutes. It has connection also with Columbus by an extension of the city electric line, whose cars run at intervals of one hour each during the entire day, making the trip in fifty minutes.

Westerville is a beautiful town with wide and shady streets, pretty lawns, and cozy residences. It has a population of two thousand inhabitants; has all modern improvements, such as electric lights, water works, natural gas, and a splendid public-school system. There are over seven miles of paved streets. These material conditions, coupled with the high moral tone of the place and the entire absence of saloons and other resorts, make Westerville an ideal place for a college town. The beauty of the surrounding country, with its ideal landscape and other scenery, also adds to its desirability.

The Anti-Saloon League of America has located its National headquarters here. The choice of Westerville for the general offices and printing plant of this great organization speaks strongly of the recognized tone of the town and college, and also assures them both a vigorous and rapid growth.

## TERMS AND VACATIONS

The college year is divided into semesters, and has two vacations, the arrangements of which can be seen by referring to the college calendar.

## EXAMINATIONS

Written examinations of all classes are held at the close of each semester. Any student who fails to receive a term grade of sixty-five in any study will be required to take a second examination after further preparation under the direction of the instructor in charge, or will repeat the study with the next lower class. A fee will be charged for special examinations, equivalent to the rate of tuition for such course.

## REGISTRATION

Students are required to register in person with the registrar and make all necessary arrangements for studies on the first or second day of the first semester, and on the first day of the second semester. Also students must register in person with the registrar on the first day after the winter recess and on the first day after the spring recess.

Students must have their studies for the following semester entered by their teachers on cards for the purpose, and deposited in the college office, at least ten days before the close of the semester then in session.

All students, not entering for the first time, failing to register, arrange work, or deposit cards as above directed, will be required to pay an extra fee of one dollar for a delay of one day, two dollars for a delay of two days, and three dollars for a delay of three or more days. This fee must be paid at the time of registration.

## RELIGIOUS INSTRUCTION

Prayers are held in the chapel every morning, except Saturday and Sunday, at eight-forty-five. All students are required to be present at this hour.

Public worship is conducted at ten-fifteen every Sabbath morning in the chapel. All students are expected to be present, except those who arrange to worship elsewhere.

A well-organized Sunday school is conducted every Sunday morning at nine o'clock, which students attend regularly.

A large number of Bible and mission study classes are conducted regularly in the Christian Associations.

Students receive instruction also in New Testament Greek, in the English Bible, and in Missions in their regular courses.

## THE CHRISTIAN ASSOCIATIONS

Two Christian Associations are maintained by the students of the University—the Young Men's Christian Association and the Young Women's Christian Association, each meeting weekly in a hall of its own, in the Association Building. Both are branches of the International Christian Associations.

What the literary societies are to the College in literary work and parliamentary training, the Christian Associations are to the moral and religious life.

The work and life here are of high order. The Christian atmosphere surrounding the student is helpful and inspiring. The work of the various committees, the many classes in Bible and Mission Study, the meetings of the Volunteer Band, and the touch with the world-wide problems and movements through all

these make the Christian Associations most valuable auxiliaries to the spiritual life of the College.

### CHRISTIAN ENDEAVOR

A Christian Endeavor Society of high grade exists at Otterbein, and includes in its membership nearly all of the active Christians. Its meetings are held regularly at six o'clock every Sabbath evening. Enthusiastic spirit prevails and splendid programs are rendered on these occasions.

### RELIGIOUS EDUCATION ASSOCIATION

The purpose of the Religious Education Association is the awakening of an interest in the study of religion from the educational point of view, and the study of education from the religious side. While it has been organized independently of the National Religious Education Association, nevertheless the work it carries on is largely the same, and from all points of view it is in spirit part of this great movement. It has an active membership of forty.

### STUDENT VOLUNTEER BAND

The Student Volunteer Band consists of a number of young men and women who have pledged themselves to foreign missionary service, and who meet at regular intervals for special fellowship and the consideration of missionary problems.

### LITERARY SOCIETIES

Otterbein has always ranked well because of the high grade of work in its literary societies. The splendid parliamentary drill, literary finish, and high gen-

eral culture which are to be derived from literary society work are obtained by this means. There are four societies—two of them conducted by the young ladies, the Cleiorhetean and the Philalethean; and two by the young men, the Philomathean and the Philophronean. The society halls are furnished in a rich and elegant fashion and are large and commodious. There are frequent open sessions held, at which special programs are rendered. These are striking features of the work of the College, and call for preparation of the highest order. The literary societies are recognized by the authorities as being valuable educational agencies, and all students are urged to join one of them.

### PRESS CLUB

This is composed of about twenty young men who meet occasionally for the purpose of studying journalistic subjects, at which time they have addresses delivered by eminent newspaper men and advertisers. The chief purpose of this organization, however, is the dissemination of College news. Some of the young men report for their local home papers, contributing such College items as may be of interest to the community in which it is published.

### MUSICAL ORGANIZATIONS

There is a Glee Club of nineteen men's voices. This combination gives public and private concerts at stated intervals during the year. A chorus of about seventy-five mixed voices is in training during the year, and gives one or two public concerts in the College Chapel. Ordinarily, there is a male quartet which is in constant demand during the year. All these organizations are

under the careful training and supervision of the Instructor in Voice.

## ATHLETICS

Athletic sports at Otterbein have been highly developed in recent years. Special coaches are provided for football, basket-ball, baseball, and track athletics. The College authorities appropriate from the annual budget a considerable sum for the maintenance of athletics, and the student body supplements this with substantial subscriptions. Tennis is also an enjoyable recreative feature of the spring and summer months.

The Varsity "O" Association is composed of honor men who by virtue of certain proficiency in the various athletic sports are admitted to membership. This organization has an annual banquet of its present and ex-members.

The Association Building contains a gymnasium equipped with modern apparatus. Systematic training in the gymnasium under competent directors is given to all students wishing to avail themselves of the privilege of physical culture.

## LIBRARIES

The Andrew Carnegie Library Building has been in use since July, 1908. It is a beautiful building of gray brick and stone trimmings. The main floor contains the delivery room, three reference rooms, the librarian's office, and the stack room, which is fitted with steel stacks, book elevator, etc. The basement contains three magazine reading rooms, and a large work and storage room. The building is well equipped

for the comfort and convenience of all who wish to make use of its facilities. The Library is primarily for the use of students and teachers in the University, but it may be freely consulted by others, and residents of Westerville may withdraw books subject to the conditions imposed upon the students.

The Library, including the libraries of the Philomathean and Philophronean societies, contains over 15,000 volumes, and is classified and catalogued according to the Dewey System. Readers are expected to use the catalogue, but they have also free access to the stack room. Reading tables supplied with the best papers and magazines are maintained by each of the four literary societies and by the College. The building is open seven hours each school day and two hours on Saturday.

Accessions by purchase and gift have amounted to seven hundred sixty-five volumes for the year.

The anniversary gift this year was presented by Mrs. Henry Garst, over two hundred volumes from the library of Dr. Garst, who at the time of his death was preparing to celebrate in June, 1911, the fiftieth anniversary of his graduation.

Notable gifts have also been presented during the year by Dr. E. A. Jones and Dr. T. J. Sanders, of Otterbein University Faculty; Rev. James Best and Dr. Howard H. Russell, Westerville; Pennsylvania State Library; Mrs. R. H. Pierson, Pataskala; Rev. J. W. Kiracofe, Windsor, Pa.; Miss Cora Prinkey, Westfield Ill., and others.

Gifts of books and pamphlets are always welcome and the alumni especially are urged to present to the Library their published works.

## LECTURES

Besides the frequent opportunities in a college town to hear distinguished lectures, students may avail themselves of the Citizen's Lecture Course, whose entertainments are given in the College Chapel.

The following course was given during the season 1911-12 for the nominal cost of one dollar.

Montaville Flowers,
The Four Artists Company,
George R. Stuart,
Rogers-Grilley,
Judge Alden,
Chicago Glee Club,
Strickland Gillilan.

Hamilton Holt, was added as an extra lecture on the course.

### SPECIAL LECTURES

During the year a number of scholarly and practical lectures were delivered. It is the hope that similar arrangements can be made each year, and that eventually some one will be inspired to endow such lectureship.

## PUBLIC SPEAKING AND ORATORY

Otterbein University maintains an active and growing interest in the various kinds of public speaking. The required and elective courses are intended, primarily, to teach the student to express himself, clearly and forcefully, in speech. Elective courses in Public Address are offered for those who intend to enter some form of public life.

In addition to the regular public speaking courses, ample opportunity is offered for special work. Three intercollegiate debates were held during the year, for which college credit toward graduation is given; a declamation contest for under-classmen; an oratorical contest for upper-classmen; besides several dramatic productions, etc., which are given by different classes and college organizations. Otterbein is also a member of the Intercollegiate Peace Association, and sends a representative each year to the annual oratorical contest of this association.

All regular college public speaking contests are under the direction and control of the Public Speaking Council, whose executive committee is composed of eight members—two from each of the literary societies of the College.

## PRIZES

Rev. Howard H. Russell, D.D., founder and associate superintendent of the Anti-Saloon League of America, has established two prizes for those who win distinction in Public Speaking and Oratory at Otterbein.

I. Three prizes of fifteen, ten, and five dollars each are offered to students who win the first three places in the annual declamation contest for under-classmen, which has been designated as the Annual Russell Prize Declamation Contest.

II. Two prizes, fifteen and ten dollars each, are offered to students who win the first and second places in the annual oratorical contest for upper-classmen. This contest is known as the Annual Russell Prize Oratorical Contest.

## OFFICIAL PUBLICATIONS

The official publications of the University are issued quarterly, in October, January, April, and July.

The Alumni Register containing a complete list of the officers, trustees, and alumni of the institution from its founding, is issued every fourth or fifth year, and becomes a valuable asset to the historic records of the institution.

The January number is the Summer School Bulletin, giving a list of the Summer School faculty, courses of study, and information relative to the advantages and purpose of the Summer School.

The April number is the general catalogue number containing detailed information relative to the life and work of the University. This number contains the complete register of students for the year.

The July Bulletin contains chiefly an account of commencement week, including the names of candidates for degrees, occasionally a revised list of the alumni with their addresses, and other information of a general character.

During the year a handsomely illustrated calendar was published containing thirteen views of the college buildings and grounds.

## STUDENT PUBLICATIONS

The Sibyl, a student publication issued every second year by the Junior Class, in a beautiful and elaborate presentation of the student life of the institution, representing all departmental activities, and richly embellished with photographs and other decorative material.

The Association Hand Book, published yearly by a joint committee of the Y. M. C. A. and Y. W. C. A. members is a neat, leather-bound pocket manual containing invaluable information for new students. It is distributed free, and each year sees an improvement in the edition of the Hand Book.

The Aegis is the monthly paper of the University. It contains educational articles by faculty members and students, together with every department of the collegiate life ably and fully written up.

The Review is the weekly paper of the University. It sets forth all the news items, together with well-chosen jokes and puns which serve to enlighten its pages. Every phase of college life is given its share of notice.

All these publications are edited and managed wholly by the students, and valuable training is gained thereby.

## DISCIPLINE

The necessity for faculty oversight and discipline at Otterbein University is reduced almost to a minimum. Self-government, and that without much formal organization prevails. Serious irregularities in student conduct are rare. The free and easy social life is of a high moral standard. There is need for few rules and consequently very little violation of what do exist.

## HOURS OF WORK DETERMINED BY CREDITS

Sixteen hours is counted regular work.

The student who in the previous year has made an average grade not less than ninety-five may be

assigned as many as twenty-two hours of work. For an average grade not less than ninety he will be allowed twenty hours. A student who receives an average grade not lower than eight-five may be assigned eighteen hours, but falling below this grade he may carry only regular work.

No student may elect less than fourteen hours except by special permission of the faculty.

No student is allowed to drop any work without permission of the faculty.

Freshman may not carry more than eighteen hours of work. Students enrolled in the Academy may not carry more than twenty hours.

## MINIMUM WORK PERMITTED

In order that parents may feel that the best use of time and money is made, all students shall be required to take the equivalent of full work. This may be in any one department or distributed between any two or more departments.

In music, full work shall consist of two lessons per week in a major study (Piano, Voice, or Stringed Instruments), one lesson per week of a minor study, (Piano, Voice, or Stringed Instruments), and either Harmony, Counterpoint, or History of Music, one hour per week.

In art, full work shall be two lessons in design, four lessons in either Water Color or Oil, two lessons in Antique, and two lessons in either Pencil or Charcoal, and one course in Art History or Appreciation of Architecture.

## DEGREES AND DIPLOMAS

In the regular literary work the degree Bachelor of Arts (A.B.) will be conferred upon the satisfactory completion of the work prescribed in Groups I., II., IV., V., VI., and VII.; the degree Bachelor of Science (B.S.) upon the completion of Group III. For full description of courses and groups, see "Schedule of Grouping" and "Courses of Study."

The degree Bachelor of Music (Mus.B.) will be conferred upon the satisfactory completion of the work prescribed in music, as described in that department.

The degree Bachelor of Fine Arts (B.F.A.) will be conferred upon those who complete satisfactorily the work in art as described in that department.

## TEACHERS' EXCHANGE

Otterbein University has become noted for its ability to locate its graduates and students in desirable teaching positions. A Teachers' Exchange has been established under college direction, the function of which is to aid teachers in securing suitable positions and in helping school authorities in locating teachers. No guarantee can be made that a teacher can be thus located but every effort will be made to do so.

## EXPENSES

### ENTRANCE FEES

A matriculation fee of one dollar is charged all students. This fee is appropriated to library support.

An additional fee of four dollars is collected of each student for athletic purposes. This is collected at the time of matriculation and covers all necessary expenses for all athletics and physical culture. A free ticket to all athletic events for the year is given each regularly matriculated student.

**College.**

Tuition and incidental fees, gymnasium, etc.:

First Semester.....$37.50
Second Semester..... 37.50

**Academy.**

First Semester .....$30.00
Second Semester..... 30.00

For tuition and other fees in music and art, see those departments.

Students in College taking more than sixteen hours of regular work per week will be charged extra tuition at the proportionate rate.

Students registered in the Academy will be charged at college rates for work done in college courses, and students in the College at academy rates for work done in academy courses.

All fees are payable strictly in advance.

## BOARDING AND ROOMS

The University furnishes neither boarding nor lodging for men. They may make their own choice of location, subject to the approval of the faculty. In clubs, boarding can be had for two dollars and seventy-five cents per week.

Rooms vary in price according to location and furnishing. Generally two young men room together, thus making the expense to each from seventy-five cents to one dollar and a half a week. Single rooms vary from one dollar to two dollars a week.

The young women room and board in the Philip G. Cochran Memorial Hall. Rooms here are nearly all arranged to accommodate two, and vary in price for the individual, from seventy-five cents to one

dollar and seventy-five cents per week, according to size and location. Boarding is furnished in the dining room at two dollars and seventy-five cents per week.

The student provides her own towels and bedding, except mattress and pillows. Napkins are not furnished.

Any breakage or damage to furniture or room will be charged to the occupants of the room.

In order to secure a room, a retaining fee of five dollars must be deposited by each student. No room will be regarded as engaged until said fee is in the Treasurer's hands. This sum will be applied on the first month's board unless student fails to take the room, in which case the amount is forfeited by the student.

Rooms engaged at the close of the year will not be held later than August 1, unless the retaining fee has been paid.

Beginning with the opening of the year 1912-13, no reduction in board will be given to students who are absent over Saturday and Sunday. Any student may entertain friends at as many as five meals per semester, without charge. For more than this number twenty-five cents per meal will be charged.

Board and room rent are payable strictly one month in advance. Any student neglecting to settle in this manner, unless by special arrangement with the Treasurer, will be charged a delinquency fee of twenty-five cents per day until settlement is made.

## TEXTBOOKS

The cost of textbooks varies, perhaps from eight to fifteen dollars a year.

## ESTIMATES OF NECESSARY EXPENSE IN COLLEGE

| *Department* | *Low* | | *High* |
|---|---|---|---|
| Matriculation and Athletics. | $ 5.00 | | $ 5.00 |
| Tuition ..... | 75.00 | | 75.00 |
| Room (38 weeks at 75c.).... | 28.50 | (at $1.75) | 66.50 |
| Board (38 weeks at $2.50)... | 95.00 | (at $2.75) | 104.50 |
| Books and Incidentals..... | 25.00 | | 75.00 |
| | $228.50 | | $326.00 |

Deduct $15.00 from each total estimate for academy students.

### SOCIETY FEE

An entrance fee of three dollars is charged by the Philalethean and Cleiorhetean societies, and of five dollars by the Philophronean and Philomathean societies.

### GRADUATION FEE

Five dollars, payable to the Treasurer four weeks before graduation.

## DORMITORY LIFE

Cochran Hall is one of the most elegant and comfortable dormitories in the State. It is provided with every modern convenience—hot water heat, electric lights, baths on every floor, internal and external telephone system with long distance and local connection, reading room and library, piano, reception hall, and parlor. A well-furnished laundry and sewing room are provided for the young ladies' use without extra charge.

The Hall is under the direction of a careful matron, and every young woman who comes to Otterbein may be assured of a happy and comfortable home.

No young women will be permitted to room outside the dormitory, unless by special request and arrangement of parents or guardians, and then only with the approval of the faculty. Under no circumstances will students be allowed to room in a home without adult oversight.

## AID TO STUDENTS

There is a reduction of seventeen dollars per year to the children of superannuated and itinerant ministers and to licentiates in the United Brethren Church.

The Board of Education of the United Brethren Church, through its Beneficiary Aid Fund, offers help to those preparing for the ministry and missionary work. Application for such aid must be made to the Secretary of the Board, Rev. J. P. Landis, Ph.D., Dayton, Ohio. The President will be glad to counsel with the students with reference to this matter.

## REDUCTION TO HONOR GRADUATES OF HIGH SCHOOLS

To honor graduates of high schools there is a reduction of tuition of seventeen dollars per year. This reduction is made in any year the student may enter, or either semester of the year, and continues four years.

## OPPORTUNITIES FOR SELF-HELP

Young people of limited means will be advised by the President in regard to opportunities for defraying

a part of their expenses. There is also an "Employment Bureau" conducted by the Young Men's Christian Association, whose services are especially helpful in this regard. Some students find employment in the town, doing chores in private families, and other light work. Numbers of students have been able to pay all, or a large part of their expenses by labor out of hours of study. Many spend their vacations in some profitable employment.

It is believed that no person, if he is energetic and willing to work, need despair of completing a course of study in Otterbein University.

## MEMORIAL SCHOLARSHIP

In order to aid needy and worthy students securing an education, Mr. J. W. Welshans, of Bedington, West Virginia, by the payment of one thousand dollars, has established, in memory of his son, **The George E. Welshans Memorial Scholarship.** It is hoped that this may be increased, and that many others of like character may be established.

## THE DANIEL EBERLY STUDENT FUND

By the will of the late Rev. Daniel Eberly, D.D., of Hanover, Pennsylvania, a fund of over five thousand dollars has been left, part of which, has come into the possession of the University, the income from which will be loaned without interest to needy students.

## REQUIREMENTS FOR ADMISSION TO COLLEGE

Fifteen units of work are required for admission to college.

Four one-hour recitations a week, or five weekly recitations of forty minutes each, throughout the school year of thirty-eight weeks, constitute a unit of work for requirements of admission.

Students from first-class high schools are admitted to freshman standing upon the presentation of a diploma. Students from second- and third-class high schools may be admitted upon presentation of credits on certain conditions which can be made up in connection with the work in the Academy.

### SUBJECTS REQUIRED

English, three units.

Foreign Language, five units.

History and Civics, two units.

Mathematics, two and one-half units.

Science, two and one-half units.

The Preparatory Course offered by the Martin Boehm Academy fits the student for the Freshman year of any of the groups of study in the College. Certain substitutes are allowed under the advice of the faculty.

Students who seek credit for studies pursued in high school and academies must submit certificates stating texts or portions of texts used, and the number of hours spent in recitation thereon.

Credit in college will be given for high-school subjects to the extent of one-half the amount that the student's high-school work would call for or represent. This credit will not be substituted for any required subject. The student will be allowed full credit on such subject provided an examination carrying a grade of eighty per cent. be taken.

Students may be admitted to Freshman standing conditioned in three units, or twenty-four semester hours, to Sophomore standing having completed one and one-half units, or twelve semester hours, to Junior standing having completed six and one-half units, or fifty-two semester hours, to Senior standing having completed eleven and one-half units, or ninety-two semester hours.

## THE COLLEGE

### FACULTY

WALTER GILLAN CLIPPINGER, A.B., D.D.
PRESIDENT
*Psychology and Education*

GEORGE SCOTT, Litt.D., Ph.D., LL.D.
*Flickinger Professor of Latin Language and Literature*

FRANK E. MILLER, Ph.D.
*Dresbach Professor of Mathematics*

REV. THOMAS J. SANDERS, Ph.D.
*Hulitt Professor of Philosophy*

CHARLES SNAVELY, Ph.D.
*Professor of Economics and Sociology*

ALMA GUITNER, A.M.
*Hively Professor of German Language and Literature*

REV. NOAH E. CORNETET, A.M.
REGISTRAR
*Professor of Greek Language and Literature*

SARAH M. SHERRICK, Ph.D.
*Professor of English Literature*

ALZO PIERRE ROSSELOT, A.M.
*Professor of Romance Languages and Literatures*

WILLINGTON ORLANDO MILLS, A.M.
*Merchant Professor of Physics and Astronomy*

LOUIS AUGUSTUS WEINLAND, A.M.,
SECRETARY OF THE FACULTY
*Professor of Chemistry*

EDNA GRACE MOORE, A.M.
*Professor of Rhetoric*

JOHN WALDO FUNK, A.B., M.D.
*Professor of Biology and Geology*

EDMUND A. JONES, A.M., Ph.D.
*Professor of Bible and History*

HARRY J. HELTMAN, B.S.
*Public Speaking and Oratory*

TIRZA L. BARNES, B.S.
*Librarian*

ANNA DELL LAFEVER, Ph.B.
*Assistant Librarian*

TERESA M. CAREY
*Matron of Cochran Hall*

REV. SAMUEL F. DAUGHERTY, A.M., B.D.
*College Pastor*

## THE GROUP SYSTEM

The Group System of Studies is followed at Otterbein. A growing number of electives has been offered which gives ample opportunity for concentration upon one subject; and yet the evils of free election have always been apparent. The advantages of the Group System are that it avoids desultoriness on the part of the student in the choice of studies and points the way toward the professions and trades, and gives him a chance to place upon his chosen subject sufficient time and attention. The Group permits of approximately one-fourth of the entire work upon his chosen subject, but requires also a certain amount of liberal culture. The student elects the Group rather than the study. This system combines the virtues of both the old system and that of free electives and avoids the evils of each.

The Group System will be followed as closely as is consistent with the convenience of the students and professors. Adaptation of the Group will be allowed within reasonable limits.

## GENERAL SCHEME OF GROUPING

### MEANING OF SYMBOLS AND LETTERS

Roman numerals indicate groups, as outlined in the general scheme.

Arabics attached to courses indicate the number of the course. All odd numbers are attached to first semester courses, and even numbers to second semester courses.

Italics indicate sections of the same course.

## GROUPS

### Entrance Requirements

| Subject | Classical Language | Modern Language | Chemistry and Biology | Mathematics and Physics | Philosophy and Education | History and Political Science | Bible and Missions |
|---|---|---|---|---|---|---|---|
| | I. | II. | III. | IV. | V. | VI. | VII. |
| English ..... | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Ancient Language | 5 | 3 | 3 | 3 | 4 | 3 or 4 | 5 |
| Modern Language | | 2 | 2 | 2 | 1 | 2 or 1 | |
| History and Civics ..... | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Mathematics .... | 2½ | 2½ | 2½ | 2½ | 2½ | 2½ | 2½ |
| Science ..... | 2½ | 2½ | 2½ | 2½ | 2½ | 2½ | 2½ |

### College Requirements

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bible ..... | 1 | 1 | 1 | 1 | 1 | 1 | 1½ |
| English ..... | 2 | 3 | 2 | 2 | 2 | 2 | 2 |
| French ..... | 1 | 1 | 1 | 1 | | 1 | |
| French or German ..... | | 2 | | | 1 | | 1 |
| German ..... | 1 | 1 | 1 | 1 | | 1 | |
| Greek ..... | 2 | 1 | | | 1 or 2* | | 2 |
| History ..... | 1 | 1 | ½ | ½ | ½ | 2 | 1 |
| Latin ..... | 2 | | | | 1 | | |
| Mathematics ..... | 1 | 1 | 1 | 3 | 1 | 1 | |
| Mathematics or Science ..... | | | 2 | | 1 | | 1 |
| Philosophy ..... | ½ | ½ | | 1 | 2 | ½ | 1 |
| Political Science and Sociology | | ½ | 1 | 1 | 1 | 2 | 1½ |
| Psychology and Pedagogy ... | ½ | ½ | ½ | ½ | 2 | 1 | 1½ |
| Natural Science.. | 1 | ½ | 4 | 2 | ½ | ½ | |
| Missions ..... | | | | | | | 1½ |
| Electives ..... | 3 | 3 | 2 | 3 | 2 | 3 | 2 |
| Degree ..... | A.B. | A.B. | B.S. | A.B. | A.B. | A.B. | A.B. |

*Two if entrance is without Greek.

## EXPLANATION OF LANGUAGE REQUIREMENTS FOR ENTRANCE

### Group I.—Classical Language

For entrance.—Five units of Ancient Language, of which two shall be Greek.

In college.—Two units of Latin, two units of Greek, and two units of Modern Language.

### Group II.—Modern Language.

For entrance.—Three units of Ancient Language and two units of Modern Language.

In college.—Four units of Modern Language and one unit of Ancient Language. (Greek).

### Group III.—Chemistry and Biology

For entrance.—Three units of Ancient Language and two units of Modern Language.

In college.—Two units of Modern Language.

### Group IV.—Mathematics and Physics

Same as Group III.

### Group V.—Philosophy and Education

For entrance.—Four units of Ancient Language and one unit of Modern Language.

In college.—Two units of Ancient Language, Greek if admitted without Greek, and one unit of Modern Language.

### Group VI.—History and Political Science

For entrance.—Three or four units of Ancient Language and one or two units of Modern Language.

In college.—Two units of Modern Language.

### Group VII.—Bible and Missions

For entrance.—Five units of Ancient Language, of which two shall be Greek.

In college.—Two units of Ancient Language, which shall be Greek, and one unit of Modern Language.

## GROUP ADVISERS

Classical—Professor Scott and Professor Cornetet.

Modern Language—Professor Sherrick, Professor Rosselot, and Professor Guitner.

Chemistry and Biology—Professor Weinland and Professor Funk.

Mathematics and Physics—Professor Miller and Professor Mills.

Philosophy and Education—Professor Sanders and President Clippinger.

History and Political Science—Professor Snavely and Professor Jones.

Bible and Missions—Professor Jones.

A unit consists of a four- or five-hour study carried throughout the year of thirty-eight weeks; approximately one hundred and fifty recitations of sixty minutes each. Sixteen units are required in the College for graduation. Of the units to be elected, choice may be made from any department, provided it be approved by the advisers of the group in which the student is taking his work. No substitutions will be allowed except by the consent of the advisers.

## GROUP I.

### CLASSICAL LANGUAGE

ADVISERS—Professors Scott and Cornetet

**Freshman Year**

English—37, 38, 57, 58.
*Greek—93, 94.
Latin—105, 106.
Mathematics—113, 114.

**Sophomore Year**

Bible—3, 4.
English—39, 40.
French—67 and 69, or 65 and 68.
Greek—97, 98.
Latin—107, 108.

* Those who enter without Greek will take 95, 96, and 95a, 96a in successive years. 93, 94 and 97, 98 will then follow in order.

**Junior Year**

Education—33.
English—one-half unit.
German—89, 90.
History—101 and 102, or 103 and 104.
Science—one unit.

**Senior Year**

Bible—5, 6.
Philosophy—129.
Electives—three units.

## GROUP II.

### MODERN LANGUAGE

ADVISERS—Professors Sherrick, Rosselot, and Guitner.

**Freshman Year**

English—37, 38, 57, 58.
French—73 and 75, or 65; 74 and 76, or 68.
German—89 or 85, 90 or 86.
Mathematics—113, 114.

**Sophomore Year**

Bible—3, 4.
English—39, 40 and English Literature—one-half unit.
*French or German—one unit.
History—101 and 102, or 103 and 104.
Science—one-half unit.

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* French if admitted with German; German if admitted with French.

**Junior Year**

English Literature—one unit.
*French or German—one unit.
Greek—95, 96.
Electives—one unit.

**Senior Year**

Bible—5, 6.
Modern Language—one unit.
Philosophy—129.
Political Science—29.
Psychology and Pedagogy—130.
Electives—one unit.

## GROUP III.

### CHEMISTRY AND BIOLOGY

ADVISERS—Professors Weinland and Funk.

**Freshman Year**

Biology—9, 10.
Chemistry—13, 14.
*French or German—one unit.
Mathematics—113, 114.

**Sophomore Year**

Biology—7, 8, 11, 12.
Chemistry—17, 18.
English—37, 38, 57, 58.
*French—one unit.
**German—one unit.

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*If admitted with German, French.
**If admitted with French, German.

**Junior Year**

Bible—3, 4.
History—one-half unit.
Mathematics or Science—one unit.
Political Science—29 or 31.
Electives—one unit.

**Senior Year**

Bible—5, 6.
English—39, 40, and one-half unit English Literature.
Mathematics or Science—one unit.
Psychology—129.
Electives—one unit.

## GROUP IV.

### MATHEMATICS AND PHYSICS

ADVISERS—Professors Miller and Mills.

**Freshman Year**

English—37, 38, 57, 58.
Mathematics—113 and 114.
*Modern Language—one unit.
Science—13, 14.

**Sophomore Year**

Bible—3, 4.
English—39, 40.
History—one-half unit.
Mathematics—115, 116.
*Modern Language—one unit.
Electives—one-half unit.

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* French, if admission to Freshman standing was on German. German, if admission to Freshman standing was on French.

**Junior Year**

English Literature—one-half unit.
Mathematics—117, 118.
Political Science—one unit.
Psychology and Pedagogy—one-half unit.
Science—133, 134.

**Senior Year**

Bible—5, 6.
Philosophy—129, 130.
Electives—two and one-half units.

## GROUP V.

### PHILOSOPHY AND EDUCATION

ADVISERS—Professor Sanders and President Clippinger.

**Freshman Year**

English—37, 38, 57, 58.
French—65, 66, or German—89, 90.
French—67 and 68, may be substituted for 65 and 66.
Latin—105, 106.
Mathematics—113, 114.

**Sophomore Year**

Bible—3, 4.
English—39, 40.
*Greek—93, 94 or 95, 96.
History—one-half unit.
Science—one-half unit.
Mathematics or Science—one unit.

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* Those who offer two units of Greek for college admission will take 93, 94. Those who enter without Greek, will take 95, 96 and 93, 94 or their equivalent.

**Junior Year**

English Literature—one-half unit.
Philosophy—129, 130.
Political Science—29.
Sociology—31 and 32 may be substituted for Political Economy—27 and 28.
Education—35, 36.
Electives—one-half unit.

**Senior Year**

Bible—5, 6.
Education—33, 34.
Philosophy—121, 122, or 123, 124, and 126.
Electives—one and one-half units.

## GROUP VI.

### HISTORY AND POLITICAL SCIENCE

ADVISERS—Professors Snavely and Jones.

**Freshman Year**

English—37, 38, 57, 58.
*French and German—one unit of each.
Mathematics—113, 114.

**Sophomore Year**

Bible—3, 4.
English—39, 40.
**French or German—one unit.
History—101, 102.

*If admitted with French, French; if with German, German.

**If admitted with French, German; if with German, French.

Science—one-half unit.
Electives—one-half unit.

**Junior Year**
Economics—27, 28.
Education—34, or Philosophy—130.
History—103, 104.
Philosophy—129, 130, or Education—33.
Political Science—29, 30.

**Senior Year**
Bible—5, 6.
Sociology—31, 32.
English Literature—one-half unit.
Electives—Two units.

## GROUP VII.

### BIBLE AND MISSIONS

ADVISER—Professor Jones.

**Freshman Year**
English—37, 38, 57, 58.
Greek—93, 94.
Mathematics—113, 114, or Science—one unit.
Modern Language—one unit.

**Sophomore Year**
Bible—3, 4.
English—39, 40.
Greek, 97, 98.
History—101 and 102, or 103 and 104.
Economics—27.
Education—35.

**Junior Year**

English Literature—one-half unit.
Missions—119, 120.
Philosophy—129, 130.
Sociology—31.
Bible—one-half unit.
Electives—one-half unit.

**Senior Year**

Bible—5, 6.
Education—33, 34.
Political Science—29.
Missions—one-half unit.
Electives—one and one-half units.

## SCHEDULE OF RECITATIONS—College Classes

Chapel, 8:45

| | 7:00 | 7:45 | 9:00 | 10:00 | 11:00 | 1:00 | 2:00 | 3:00 |
|---|---|---|---|---|---|---|---|---|
| First Semester | English—43<br>French—71, 73<br>Greek—97, 99<br>Latin—105 | English Lit.—45<br>French—77<br>German—89<br>Greek—95<br>History—101<br>Latin—105<br>Mathematics—117<br>Pedagogy—121<br>Pub. Speaking—59, 63<br>Rhetoric—39, 41 | Butler—127<br>English—47<br>French—69<br>German—87<br>Latin—105<br>Mathematics—113<br>Physics—133<br>Pol. Science—29<br>Sociology—31<br>Surveying—25 | Anglo-Saxon—55<br>Astronomy—1<br>Chemistry—19, 21<br>Education—35<br>English—49<br>French—65<br>Geology—11<br>Latin—107<br>Logic—129<br>Mathematics 115<br>Missions—119<br>Physiology Adv.<br>Sociology—31 | Bible, Sen.—5<br>Bible, Soph.—3<br>Biology—9<br>Chemistry—13, 17, 23<br>Economics—27<br>French—67<br>German—85<br>Greek—93<br>Hist. Philosophy—131<br>Mathematics—113 | English—51<br>Pub. Speaking—57<br>Rhetoric—37 | Bible, Sen.—5<br>Bible, Soph.—3<br>Chemistry—13<br>Classical Mythology—109<br>History—103<br>Pub. Speaking—61<br>Rhetoric—37, 39<br>Roman Life—111 | |
| Second Semester | English—44<br>French—72, 74<br>Greek—98, 100<br>Latin—106 | English—46<br>French—78<br>German—90<br>Greek—96<br>History—102<br>Latin—106<br>Mathematics—118<br>Pedagogy—122<br>Pub. Speaking—60<br>Rhetoric—40, 42 | English—48<br>Ethics—128<br>French—70<br>German—88<br>Int. Law—30<br>Latin—106<br>Mathematics—114<br>Physics—134<br>Sociology—32 | Anglo-Saxon—56<br>Astronomy—2<br>Chemistry—20, 22<br>Child Study—36<br>English—50<br>French—66<br>Geology—12<br>Latin—108<br>Mathematics—116<br>Missions—120<br>Nature Study—<br>Psychology—130<br>Sociology—32 | Bible, Sen.—6<br>Bible, Soph.—4<br>Biology—10<br>Chemistry—14, 18, 24<br>Economics—28<br>French—68<br>German—86<br>Greek—94<br>Hist. Philosophy—132<br>Mathematics—114 | English—54<br>Pub. Speaking—58<br>Rhetoric—38 | Bible, Sen.—6<br>Bible, Soph.—4<br>History—104<br>Pub. Speaking—62<br>Rhetoric—38, 40<br>Roman Archaeology—112<br>Roman Life 110 | Mechanical Drawing—26 |

## DEPARTMENTS OF INSTRUCTION AND COURSES OF STUDY

### ASTRONOMY

PROFESSOR MILLS

1 and 2. Young's General Astronomy is the basis for the work done. The philosophy of the celestial sphere, the constellations, the astronomy of the sun, planets, and satellites, the construction and use of astronomical instruments, the correction of observations, the spectroscope and its teachings, eclipses and their calculation, the problem of two bodies and its applications, the conic sections as orbits, comets, and meteors, the constitution of the stellar universe, and planetary orbits, are some of the topics studied. Topics are assigned from time to time for library research. Prerequisite, Trigonometry. Elective. Four hours a week through both semesters. One unit's credit.

### BIBLE

PROFESSOR JONES

3. **Biblical History and Literature.** An outline of Hebrew history from the creation to the death of Moses. How we got our Bible. The different versions and revisions. A brief introduction to the literature and composition of the books of the Old Testament. Required of Sophomores in all groups. First Semester. Tuesday and Thursday, at eleven and two.

4. **Jewish History,** from the death of Moses to the division of the Hebrew Kingdom. Required for Sophomores in all groups. Second semester, Tuesday and Thursday, at 11 and 2.

5. **Prophetism.** The prophets and prophetic literature of the Old Testament. Jewish history, from the division of the kingdom to the Babylonian exile, and from the exile to the time of Christ. Required for Seniors in all groups. First semester, Wednesday and Friday, at 11, and Wednesday and Monday at 2.

6. A brief introduction to the literature and composition of the books of the New Testament. A constructive study of the life of Christ as found in the Gospels. Required for Seniors in all groups. Second semester, Wednesday and Friday at 11, and Wednesday and Monday at 2.

6. (a) **The Beginnings of the Church.** The life, letters, and teachings of Paul. The writings of John. An introductory and outline course. Required in Group VII., elective in all others. First semester, Monday, Tuesday, Thursday, and Friday, at 10.

## BIOLOGY AND GEOLOGY

PROFESSOR FUNK

7. **Advanced Physiology.** A course of lectures, recitations, and laboratory work. Models, charts, skeletons, and dissections are used as aids. The laboratory work will consist of microscopic study of the normal tissues, chemical physiology, and mammal anatomy. Chemistry and Biology prerequisites. One unit credit. Elective in Groups I., III., and IV. First semester, Monday and Wednesday, at 10. Laboratory, Monday and Wednesday from 2 to 4. Laboratory fee, $2.00.

8. A continuation of Course 7 into the second semester.

9. **General Biology.** A year's work in General Biology, embracing lectures, recitations, and laboratory work, including studies of types of each of the larger groups of plants and animals. Also same forms to illustrate specialization. Library work will be included in the requirements of this course. Subjects will be assigned which come within the scope of the class work and are readily accessible in the library. Reports of this work will be made to the class, the report being written and in sufficiently good form to be handed to the Department of English, if necessary, the endeavor being to add to knowledge, and develop a correct usage of Scientific English as well. Required in Group III. Elective in I. and IV. Text, Elementary Biology (Parker). First semester, Monday and Wednesday, 11. Laboratory, Tuesday and Thursday, 2 to 4. Laboratory fee, $2 per term.

10. A continuation of Course 9 into the second semester.

11. **Geology.** A course of lectures, recitations, and laboratory work, embracing Structural, Dynamical, Historical, and Economic Geology. A study of rocks is made from hand specimens, while fossils and charts illustrate the historical work. A number of field excursions are undertaken for the study of physiographical processes and for the examination of the various exposures of rock strata within easy reach. Dana's Revised Textbook of Geology will be the text, and subjects from larger works and from various monographs will be assigned for special study and presentation by members of the class. The previous study of Chemistry I. and Biology I. is advised. First semester, Monday, Tuesday, and Thursday, at 10. Field

work on Friday afternoon, when possible. One unit credit. Elective in Groups I., III., and IV.

12. A continuation of Course 11 in the second semester.

12. (a) **Nature Study.** Will consist of a study of the lower life that is about us, together with an explanation of a few natural phenomena. The ways and life-history of the ant, grasshopper, butterfly, common fly, and others will be investigated. Birds of various sorts will be studied with more definite investigation of their nesting and providing for young, together with their economic value. Fisheries and fishes will be taken up, and aquaria touched upon. Not a great deal of attention will be paid to Anatomy and Physiology, although they will not be ignored. Recitations and laboratory periods will be held each day. The laboratory work will consist almost exclusively of outdoor work, the student working for most part on assigned subjects, getting his material by his own resources. By this means it is hoped that the student will learn to use his eyes and see the world and its beauties. Nothing elaborate or exhaustive will be attempted. Two or three hours a week recitation, and one or two hours laboratory work. One-half unit credit. Especially recommended to those who expect to teach, but not excluding others. Elective in groups where a half-unit of Science is required. Second semester, Wednesday and Friday, at 11.

## CIVIL ENGINEERING

PROFESSOR MILLS

25. **Surveying.** Training in the adjustment, use, and care of the different instruments, field practice,

keeping of notes, plotting, and computation first receive attention. The best methods of field and office practice are carefully followed. The theory and use of the solar transit are fully taught. Leveling and road and street work are taken up briefly. The text is Barton's Elements of Plane Surveying for two recitations per week. Johnson's Theory and Practice of Surveying and Raymond's Plane Surveying are used for reference.

The class is divided into groups of four or five each, and each group gives two periods, of two or more hours each, per week to field practice, Prerequisite, Trigonometry. First semester, one-half unit credit.

26. **Mechanical Drawing.** In this, careful attention is given first to the correct use and care of the instruments. Mechanical methods of working out geometrical problems are next studied. Orthographic, isometric, and oblique projections follow. Development of surfaces, intersection of surfaces, spirals, helices, screw-threads, bolt-heads are next practiced. The text is Anthony's Mechanical Drawing.

Four periods of two hours each per week are given to the work through the second semester. Prerequisite Plane and Solid Geometry. One-half unit credit.

## CHEMISTRY

PROFESSOR WEINLAND

13. **General Chemistry.** The attempt is made in this course to give a thorough drill in the fundamentals of Chemistry and to lay the foundation for those students who intend to follow this line farther. Two hours a week are spent in recitation and four hours a

week in the laboratory, working out a carefully graded system of experiments.

Prerequisite, Elementary Physics. Required in Groups III and IV. Elective in all others. First semester, Tuesday and Thursday, at 2.

14. **Qualitative Analysis.** The aim in this course is to develop a certain degree of skill in the qualitative detection of the most common bases and acids. Following a review of the important properties of the elements the student is put on mixtures, the constituents of which are unknown to him.

Prerequisite, General Chemistry 13 or equivalent. Required in Groups III and IV. Elective in all others. Four hours a week for second semester. The course will require eight hours' work in the laboratory and one recitation a week.

16. **Advanced Qualitative Analysis.** Parallel course to Qualitative Analysis 14. A more thorough study of analytical methods is attempted, using as samples ores, alloys, slags, etc. Courses 14 and 16 may be completed in one term if desired.

Prerequisite, General Chemistry 13 and Qualitative Analysis 14. Second Semester. Eight hours in laboratory a week.

17. **Quantitative Analysis.** The best known gravimetric and volumetric methods for the quantitative examination of substances are used in this course. The student is thrown largely upon his own resources, and every effort is made to induce accurate, honest, and intelligent work.

Prerequisite, Chemistry 13 and Qualitative Analysis 14. Required in Group III. Elective in all others.

Eight to ten hours in laboratory and one lecture a week, in first semester.

18. **Quantitative Analysis.** Continuation of Course 17. Second semester.

19. **Advanced Inorganic.** This course will consist of lectures, recitations, and library work, the aim being to give the student a more comprehensive view of the entire field of Inorganic Chemistry. Alexander Smith's General Chemistry for Colleges will be made the basis of the work.

Prerequisite, General Chemistry 13. Elective in all courses. First semester, Monday and Wednesday, at 10.

20. **Advanced Inorganic.** Continuation of Course 19. Second semester, Monday and Wednesday, at 10.

21. **Organic Chemistry.** A study of the hydrocarbons and their derivatives with special reference to industrial applications. Special attention is given to students preparing for courses in domestic science, pharmacy, medicine, etc.

Prerequisite, General Chemistry 13. Elective in all courses. First semester. Recitations, Monday and Wednesday, at 7:45, and four hours' laboratory work a week.

22. **Organic Chemistry.** Continuation of Course 21 in second semester. Second semester, four hours a week.

23. **Stoichiometry.** A course in chemical problems, the aim being to give a thorough drill in the elementary arithmetic of the science.

Prerequisite, General Chemistry 13. Elective in all courses. First semester, Monday, at 11.

24. **Stoichiometry.** Continuation of Stoichiometry 23. Second semester, Monday, at 11.

**Laboratory Fees.** To cover cost of materials used a charge of $4.00 a semester will be made for General Chemistry, and $4.50 a semester for all other laboratory courses. An additional charge will be made for apparatus injured or destroyed. Fees must be paid in advance.

High-school graduates seeking credit for high-school Chemistry in the College are asked to take either Chemistry 13 and 14, or 19 and 20.

## ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY

PROFESSOR SNAVELY

27. **Economics.** As a foundation for the later work, some time will be given to the study of economic history in the United States. Then, the class will take up the study of the principles of economics. Special emphasis is given to the social character of modern economic activity. First semester, Monday, Tuesday, and Thursday, at 11.

28. **Economics.** This will be a continuation of course 27. Special attention will be given to some of the more important present day problems, such as the factory system, corporations, monopoly, money, banking, and socialism. Second semester, Monday, Tuesday, and Thursday, at 11.

29. **Political Science.** This course will begin with a brief view of the field of political philosophy. The different theories advanced for the origin of the State will be examined and criticised. This will be followed by a comparative study of the more important govern-

ments of the world. Attention will be given to their constitutional forms and administrative methods. First semester, Tuesday, Wednesday, Thursday, and Friday, at 9.

30. **Political Science.** This course is a continuation of Course 29. The work will be in the field of International Law. A textbook will be used, but the student will be required to do some work by way of investigation and report on cases that have come up, which illustrate principles of international usage. Considerable attention will be given to the world's peace movement. Second semester, Tuesday, Wednesday, Thursday, and Friday, at 9.

31. **Sociology.** The work of this course will consist of a careful consideration of the fundamental principles of social organization, of the various social groups that hold society together. Prerequisite, Course 27 or 29. Recitations, Wednesday and Friday, at 10. Two periods per week for library and laboratory work.

32. **Sociology.** Special attention will be given to some of the more practical questions of the day. Charity and correction, causes of degeneracy, immigration, changed industrial relations. Second semester, Wednesday and Friday at 10. Two periods per week for library and laboratory work.

## EDUCATION

PRESIDENT CLIPPINGER

AND

PROFESSOR SANDERS

33. **Educational Psychology.** This course aims to make a direct and scientific application of psychologi-

cal theory to the educational problems of the day. The social and vocational aspects of education are considered. The textbook is followed in part, but a wide range of reading and reference work is required. Themes are required on special topics. Angell's Psychology is the basis. Readings are selected from Bagley's Educative Process, Kirkpatrick's Fundamentals of Child Study, and Judd's Genetic Psychology for Teachers. Open to Juniors and Seniors.

Prerequisite, a general knowledge of Psychology and Pedagogy. Required in Groups V. and VII. Elective in all others. First semester, Tuesday, Wednesday, Thursday, and Friday, at 10. Not given in 1912-13.

34. **Religious Education.** This aims to cover the entire field of religous education. The first part concerns itself with theory, the second with the child, and the third with the institutions of religious education. As a basis for class use, Coe's Education in Religion and Morals will be used. Wide reading and at least three papers are required during the semester from the literature upon the subject. The reports of the Religious Education Association are freely used.

Open to Juniors and Seniors, and others who have had special preparation in Psychology and Pedagogy.

Required in Groups V. and VII. Elective in all others. Second semester, Tuesday, Wednesday, Thursday, and Friday, at 10. Not given in 1912-13.

35. **Principles of Education.** This course will include fundamental laws and principles governing the educative process, including a survey of the institutions and organizations for education. The work will be conducted by textbook, lecture, and library investi-

gation. Open to Juniors and Seniors and others who have had previous work in general psychology. Required in Group V. Elective in all others. Tuesday, Wednesday, Thursday, and Friday, at 10. First semester.

36. **Child Psychology.** This course is designed to cover the broader field of child study, tracing its development from birth to maturity. It is conducted in a threefold manner, from the use of the textbook, from assigned readings and the writing of themes, and from syllabi and charts produced by the instructor. Kirkpatrick's Fundamentals of Child Study is used for a guide. Required in Group V. Elective in all others.

Open to Juniors and Seniors, and others who have had previous work in General Psychology. Second semester, Tuesday, Wednesday, Thursday, and Friday, at 10.

123. **The Philosophy of Education.**

(For description, see Department of Philosophy.)

Elective for all groups. First semester, 1911-12.

124. **The Philosophy of Teaching.**

(For description, see Department of Philosophy.)

Elective for all groups. First half of second semester, 1911-12.

126. **The Philosophy of School Management.**

(For description, see Department of Philosophy.)

Elective for all groups. Second half of second semester, 1911-12.

130. **Psychology.**

Second semester.

(For description, see Department of Philosophy.)

121-122. **Psychologic Foundations of Education.**

(For description, see Department of Philosophy.)
Elective for all groups. First and second semesters.

## ENGLISH

PROFESSORS SHERRICK, MOORE, AND HELTMAN

### ENGLISH COMPOSITION AND RHETORIC

PROFESSOR MOORE

37. Composition work and analysis of prose selections. The work is based on a textbook of Rhetoric and selected specimens of English prose. Constant practice in theme-writing is required. Frequent assignments of outside reading for criticism and analysis are made. Required for Freshmen in all groups.
First semester, two hours a week. Two sections: Monday and Wednesday, at 1; Monday and Wednesday, at 2.

38. A continuation of Course 37 into the second semester. Prerequisite, Course 37.

39. A course in expository writing. Long themes are required every fortnight. Shorter themes and paragraphs, written in class, are required in the alternating weeks. A textbook of Rhetoric is studied. Required for Sophomores in all groups. Prerequisites, Courses 37 and 38. First semester, two hours a week. Two sections: Tuesday and Thursday, at 2; Monday and Wednesday, at 7:45.

40. A continuation of Course 39 into the second semester. Prerequisites, Courses 37, 38, and 39.

41. Descriptive writing and story-writing are emphasized in this course. For practice in descriptive writing, daily themes are required for a short period. The history, principles, and structure of the short story are studied. Brief stories are written in class

and one longer story is prepared outside of class and submitted for criticism. Elective in all groups. Prerequisites, Courses 37, 38, 39, 40. First semester, Tuesday and Thursday, at 7:45.

42. A continuation of Course 41 into the second semester. Prerequisites, Courses 37, 38, 39, 40, and 41.

## ENGLISH LITERATURE

PROFESSOR SHERRICK

43. **Poetic Forms.** The purpose of this course is to make the student familiar with the structure and various forms of English poetry. The old ballad and the lyrical forms will receive special attention. Open to all college students. First semester, Tuesday, Wednesday, Thursday, and Friday, at 7.

44. **English Essays.** This course introduces the student to the best English prose by a general survey of the great English essayists. Open to all College students. Second semester, Tuesday, Wednesday, Thursday, and Friday, at 7.

45. **Early American Literature.** The history and development of literature in America during the Colonial and Revolutionary periods will be presented in lectures, papers, and discussions. Open to all College students. First semester, Tuesday, Wednesday, Thursday, and Friday, at 7:45.

46. **American Poetry.** A critical examination of six or more of our leading American poets. Prerequisite, Course 43 or 45. Second Semester, Tuesday, Wednesday, Thursday, and Friday, at 7:45.

47. **The Drama.** A study of its theory and of the history of its development. Prerequisite, one unit of

College English. First semester, Monday, Tuesday, Wednesday, and Thursday, at 9.

48. **Shakespeare.** The critical study of several plays will be followed by the reading of a number of plays illustrating the development of Shakespeare's dramatic art and his place in Elizabethan literature. Prerequisite, Course 47. Second semester, Monday, Tuesday, Wednesday, Thursday, at 9.

49. **Nineteenth Century Poetry.** With special reference to Wordsworth, Shelley, Keats, and Byron. Prerequiste same as Course 47. First semester, Monday, Tuesday, Wednesday, and Thursday, at 10.

50. **Browning and Tennyson.** Reading and interpretation of representative poems. Prerequisite, Course 49. Second semester, Monday, Tuesday, Wednesday, and Thursday, at 10.

51. **Chaucer.** A literary study of selections from the Canterbury tales, with some examination of contemporaries and some work in the history of the English language. Prerequisite, one unit of College English. First semester, Monday, Tuesday, Wednesday, Thursday, at 1.

52. **The Novel.** A study in the development of technique in prose fiction. Open only to Seniors and Juniors. Second semester, Monday, Tuesday, Wednesday, and Thursday, at 1.

53. **The Puritan Age.** Examined with special reference to Milton in his Epic period. Prerequisite, one unit of College English. First semester, Monday, Tuesday, Wednesday, and Thursday, at 1.

Courses 51 and 53 alternate.

Course 51 will be given in 1912-13.

54. **Literary Criticism.** A comparison of the various theories of criticism and their practical application to literature. Open only to Seniors and Juniors. Second semester, Monday, Tuesday, Wednesday, and Thursday, at 1.

Courses 52 and 54 alternate.

Course 54 will be given in 1913.

55. **Anglo-Saxon.** Two hours a week, Monday, and Wednesday, at 7:45. Elective in Groups I., II., and V. Professor Moore.

56. A continuation of English 55. Prerequisite, Course 55. Courses 55 and 56 not given in 1911-12.

Juniors in all groups are required to elect one semester of English Literature. May choose from Courses 47, 48, 49, 50, 51, 54.

## PUBLIC SPEAKING

PROFESSOR HELTMAN

57. **Public Speaking; Principles and Practice.** Required of all candidates for graduation who do not take Course 59-60. This course is intended for all students who do not care to pursue elective work in this department. The fundamental principles of all correct speaking and reading are considered. This includes a study of proper breathing methods and breath control; the development of vocal energy; purity of tone; perfect articulation and distinctness in pronunciation; the varieties and qualities of voice, and their uses; the kinds of emphasis and their uses; and the fundamental principles of gesture. Selections from the best literature are read and interpreted according to the principles of expression. Declamations, orations, and original articles on appropriate subjects

are delivered in the class-room. Criticism. Two hours per week. Open only to students in collegiate standing. First semester.

58. A continuation of Course 57. Second semester.

59. **Philosophy of Vocal Expression.** This course may be taken as the required work instead of Course 57-58.

A study is made of vocal and actional expression from the standpoint of the underlying philosophical principles. Students who expect to take elective work in this department, or who wish to prepare for teaching oratory are advised to take this course in connection with, or before entering upon the study of the advanced courses. Two hours per week. First semester.

60. A continuation of Course 59. Second semester.

61. **Argumentation and Debate.** This course includes the study and practice of the principles of argumentation and debate. A textbook is studied, and weekly practice is required in brief writing and class-room debates. First semester, two hours per week.

62. **Debate.** To those who represent the college in Intercollegiate debate, instruction and elective credits will be given under the department of Public Speaking. Open to all students in collegiate standing. Credit, two hours.

63. **Oratory and Criticism.** A study of the essentials of effective oratory. An application of these essentials is made to original orations and addresses, which are delivered before the class. Two hours. First semester.

64. (a) A continuation of Course 63. In the second semester a critical study is made of selected ora-

tions from great orators, ancient and modern. The second semester's work is concluded with an original oration from each student. Two hours. Second semester. Open to all who have completed the required courses.

64. (b) Persons entering regularly scheduled oratorical contests may receive credit for such work to the extent of one hour for the preliminary contest, or two hours for the final contest. This work may not be taken in excess of the number of hours regularly permitted to the student. For further particulars consult the professor of Public Speaking.

165. **Dramatic Reading.** From the standpoint of vocal interpretation a study is made of selections from the best literature. Each student will prepare a variety of dramatic selections, poems, etc., and as a final requirement will present a brief program before the class. One hour per week. Open to those who have completed the required work. First semester.

166. A continuation of Course 165. Second semester.

167. (a) **Dramatic Interpretation.** This class is conducted for those who wish instruction in the principles of dramatic art as applied to the public production of the drama. One or more plays may be given in public by this class during the year. Open to all who have shown ability in the required course. Two hours per week. First semester.

168. A continuation of Course 167 (a). Second semester.

167. (b) Organizations presenting public dramatic performances may receive credit for the same by meeting certain scholastic requirements. This work

may not be taken in excess of the number of hours regularly permitted to the student. Inquire of the professor of Public Speaking for particulars.

169-170. **Parliamentary Usage.** A practical course in the application of the general laws of parliamentary procedure as set forth in Robert's Rules of Order. One hour per week throughout the year. Open to all persons who desire a practical working knowledge of this extremely important subject.

## FRENCH

PROFESSOR ROSSELOT

65. **Grammar and Easy Prose.** This course aims at giving the student a thorough working basis. The fundamental principles of French grammar are mastered and supplemented with continual practice in dictation and conversation from the very first. The direct method is used and the effort is to train the ear and tongue rather than the eye. The texts for 1911-12 were "Practical Lessons in French" by Colin and Sérafon, and Syms Easy French Reader. Students in the Modern Language Group who have not offered French for entrance are advised to pursue this course. Mature students not in the regular college classes will be admitted. First semester, Monday, Tuesday, Wednesday, Thursday, at 10.

66. **Elementary Prose.** Easy prose, composition, and conversation form the bulk of the work. As in the first semester the direct method is used and the recitation is conducted entirely independent of the text. Dictation and conversation are accompanied by composition and a thorough written and oral drill on the verb. The texts for 1911-12 were "Pierrille" by

Clarétie and Labiche's "La Grammaire." Second semester, Monday, Tuesday, Wednesday, Thursday, at 10.

67. **Grammar and Reading.** Similar to Course 65, only slightly more difficult and intended for students who cannot take more than two years of French. An accurate and thorough command of the grammar and of pronunciation is insisted upon. The direct method is used and the student is expected, by the next semester, to be able to dispense with his textbook in the recitation room. The text for 1911-12 was "A French Grammar" by Thieme and Effinger. First semester, Monday, Tuesday, Wednesday, Thursday, at 11.

68. **Elementary Prose and Composition.** A companion course to Course 66 and following Course 67. Especially intended for those who cannot take more than two years of French. Dictation, composition, and conversation form the recitation work. The verb is studied carefully and systematically and the student is given rapid and continuous practice in the use of the language. The texts for 1911-12 were "Neuf Contes Choisis de Daudet" and Geddes' French translation of "La Chanson de Roland." Second semester, Monday, Tuesday Wednesday, Thursday, at 11.

69. **French Prose and Oral Composition.** The purpose of this course is to enable the student to translate French with comparative ease and to compose orally short sentences in French. A review of the grammar in French is a part of the course. The translation is done entirely by ear and the student is supposed to be able to reproduce the substance of the translation in French in answers to questions asked him in French by the teacher. The texts for 1911-12 were Sand's "La Mare au Diable," Hugo's "La Chute,"

Bazin's "Les Oberlé," and Balzac's "Ursule Mirouët." First semester, Monday, Tuesday, Wednesday, Thursday, at 9.

70. **French Drama and Written Composition.** A semester course in French literature especially the drama. The effort is to introduce the student to this rich field of world literature, and the course is mainly literary, but the practical side of the language is constantly kept before the student by means of conversational drill. Written composition accompanies the work throughout the semester. The texts for 1911-12 were Corneille's "Horace," Molière's "Les Fourberies de Scapin," Racine's "Athalie," Rostand's "Les Romanesques," and Hugo's "Ruy Blas." Second semester, Monday, Tuesday, Wednesday, Thursday, at 9.

71. **Composition and Conversation.** In this course the student is put in practical touch with the French language by means of daily assignments in composition and conversation. The entire recitation is conducted in French. The text for 1911-12 was Koren's French Composition. Required of all students in Group II. First semester, Tuesday and Friday, at 7.

72. **Advanced Composition and Conversation.** Similar to Course 71 only more advanced and the classroom work is mainly conversation; the composition work being corrected outside of class. In addition to the work in composition some short French comedy is memorized. The texts for 1911-12 were Koren's French Composition and Labiche's "Le Voyage de Monsieur Perrichon." Required of all students in Group II. Second semester, Tuesday and Friday, at 7.

73. **The Classical Drama.** A literary study of the classical masters, Corneille, Molière, Racine, and Vol-

taire. The reading in class will be supplemented with library work in the history of French literature and criticism. "Le Cid," "Andromaque," "Le Tartuffe," and "Zaïre" will be read in class. First semester, Wednesday and Thursday, at 7.

74. **The Romantic Drama.** A literary study of Beaumarchais, Hugo, Dumas, and Rostand. Library work, discussions, and lectures. "Le Barbier de Seville," "Hernani," "La Question d'Argent" and "Cyrano de Bergerac" will be read in class. Second semester, Wednesday and Thursday at 7.

75. **The Romantic Novel.** A study of the development of the novel from the early Italian and Spanish sources to the time of the realistic novel of the nineteenth century. Reading, library work and lectures. Chateaubriand's "Atala," Lafayette's "La Princesse de Cleves" and Hugo's "Hans d'Island" will be read in class. First semester, Wednesday, and Thursday, at 7. Not offered in 1912-13.

76. **The Realistic Novel.** A course in French fiction of the nineteenth century beginning with Balzac. Reading, library work and lectures. Balzac's "Eugenie," "Graudet," and Zola's "La Debacle" will be read in class. Flaubert's "Madame Bovary" will be read out of class. Second semester, Wednesday and Thursday, at 7.

77. **Scientific French A.** A course especially for those who are taking science courses. The work consists of the reading of science texts and magazines, and the discussion of the articles as far as possible in French. Ample opportunity is given to acquire a vocabulary of common science words. First semester, Tuesday and Thursday, at 7:45.

78. **Scientific French B.** A continuation of scientific French A through the second semester. The class will read and discuss articles on scientific subjects as found in the leading French magazines. Second semester, Tuesday and Thursday at 7:45.

## GERMAN LANGUAGE AND LITERATURE

PROFESSOR GUITNER

85. **The Classic Drama.** Two plays for special study will be selected from the works of Lessing and Goethe and others will be assigned for review and reports in class. One hour a week will be devoted to the history of German literature from the earliest times to the end of Lessing's life. First semester, Monday, Tuesday, Wednesday, and Thursday, at 11.

86. **The Modern Drama.** Two plays chosen from the works of the dramatists of the nineteenth century will be read in class, and others will be assigned as outside work. The history of German literature will be continued. Second semester, Monday, Tuesday, Wednesday, and Thursday, at 11.

87. **Goethe.** The work of this course will consist of a careful study of Faust, both first and second parts. Special papers on assigned subjects. Open only to students who have completed Courses 85 and 86. First semester, Tuesday, Wednesday, Thursday, and Friday, at 9.

88. **Schiller.** A study of Wallenstein and the historical drama. Special papers on assigned subjects, Open only to students who have completed Course 87. Second semester, Tuesday, Wednesday, Thursday, and Friday, at 9.

89. **German Grammar.** The aim in this course will be to give the student as rapidly as possible a mastery of the grammatical forms with careful attention to accuracy of pronunciation. Thomas' German Grammar will be used, supplemented by a good reader. First semester, five hours a week, at 7:45.

90. **German Grammar.** The study of the grammar will be continued and a standard text will be read. Second semester, five hours a week, at 7:45. Courses 89 and 90 are required for students electing the Classical Language Group and students offering French as an entrance requirement in other groups.

91. **German Conversation and Composition.** The purpose of this course is to give to the student opportunity for practice in speaking and writing idiomatic German. Original exercises and paraphrasing of stories read in class will be required. As far as possible the recitations will be conducted in German. Open only to students who have completed two years' work in German. First semester, two hours a week, the day and hour to be arranged.

92. **German Conversation and Composition.** This course is a continuation of the work outlined for the first semester. The vocabulary of every-day life will be used in oral and written exercises. Open only to students who have completed Course 91. Second semester, two hours a week, the days and hour to be arranged.

## GREEK LANGUAGE AND LITERATURE

PROFESSOR CORNETET

93. (a) **Plato, Apology and Crito.** (b) **Oedipus Tyrannus.** The Greek drama. Essays on assigned

ubjects. Informal lectures. Required course for Groups I., V., and VII. First semester, four hours, 11.

94. (a) **Lysias.** Selected speeches by Adams. Greek orators and oratory will receive careful study. b) **New Testament.** Westcott and Hort's text. The gospel of John and his epistles. Some time will be given to Luke's gospel. Required for Groups I., V., nd VII., Second semester, four hours, 11.

95. **Elementary Greek.** Scientific terms will be tudied in the latter part of second semester. Required or Groups II. and V. Group V. exempted if two units f Greek are offered for admission. Special attention vill be given to the study etymologically. Open to tudents of Groups III., and IV., as an elective. First nd second semesters, four hours, 7:45.

95. (a) During the first semester of the second ear of the curriculum, books I.-IV. of the Anabasis re read. Moss' Greek reader is used for sight reading. Constant attention is given to the root and stem basis f words. One purpose is to cultivate the faculty of riginality and self-reliance. The student is urged o exhaust his own resources before using the vocabuary. First semester, four hours, at 1.

96. Homer's Iliad is read, including books I.-VI. The student is soon delighted with this masterpiece f literature. Appreciation of this classic is sought, ather than technical quibbling and speculation on orms and the "Homeric question." The student's maginative faculty is developed in studying the superb magery of Homer. Ample attention is given to metical reading. Second semester, four hours, at 1.

97. (a) **Charmides, Laches, and Lysis,** will be ead. Essays on assigned subjects. (b) **New Testa-**

ment. Hebrews and James. At sight, certain of the epistles. Required for Groups I. and VII. As an elective open to all who have had two or more years' work in Greek. First semester, four hours, 7.

98. (a) **Plato's Phaedo.** (b) **Selections from Septuagint.** This course is important as a basis for a better interpretation of New Testament Greek, also it has a fundamental bearing on all studies that deal with the *Κοινή* In this semester options not catalogued will be presented from time to time. Second semester, four hours, 7.

**Note.**—While Courses 97-98 receive four hours' credit the recitations are held three periods per week. A great deal of outside work is required.

Courses in English. No knowledge of the Greek language required. The work outlined will be highly valuable in English literature courses.

99. (a) **History of Greek Literature.** Smith's text will be used. Frequent references will be given to Capp's, Fowler's, and Mahaffy's histories. (b) English translations of Greek masterpieces will be read and interpreted. Open to all College students. First semester, two hours, 7. Not offered 1912-13.

100. (a) **Greek Life.** Gulick's Life of the Ancient Greeks in class. Themes will be assigned calling into use various relevant books. (b) **Greek Archæology or Science of Language.** The text for the former will be Fowler and Wheeler's Greek Archæology. For the latter, Whitney's Life and Growth of Language. Second semester, two hours, 7. Not offered 1912-13.

**Note.**—This elective will not be given for a class of less than five. All courses outlined may be departed

from at the option of the professor, if it seems best to substitute other Greek studies.

## HISTORY

PROFESSORS SNAVELY AND JONES

101. **American History.** The work begins with the age of discovery, and gives careful consideration to Spanish, French, and English explorations. The Colonial period is considered from two points of view; (1) The European conditions, which encouraged colonization, and (2) the American, or Colonial, conditions which encouraged local government and fostered the spirit of nationality. First semester, four hours a week. Monday, Tuesday, Thursday, Friday, 7:45.

102. **American History.** Special attention is given to the formation and development of the constitution, to the formation of political parties, to the rise and fall of the slave power, and to the questions of reconstruction. A continuation of Course 101. Second semester, four hours in the week. Monday, Tuesday, Thursday, Friday, at 7:45.

103. **European History.** Robinson's History of Western Europe will be used as a text. This will be supplemented by the select readings from the sources, by lectures and reports. The work will begin with the time of Charlemagne, and will come down to the end of the nineteenth century. Special attention will be given to the growth and organization of the church, the Protestant movement of the sixteenth century resulting in the church reforms, the French Revolution, and later movements in the interest of free institutions. First semester, Monday, Tuesday, Wednesday, Thursday, at 2.

104. **European History.** A continuation of Course 103. Second semester, four hours a week. Monday, Tuesday, Wednesday, Thursday, at 2.

## ITALIAN

PROFESSOR ROSSELOT

81. **Elementary Italian.** A rapid, but thorough study of the grammar accompanied by easy reading. The effort will be to prepare the student to read Dante. Young's "Italian Grammar" and Bowen's "Italian Reader" will be the texts used. First semester, Tuesday, Wednesday, Thursday, and Friday, at 9. Optional in Group II. Not offered in 1912-13.

82. **Dante.** A literary study of Dante's Inferno will be undertaken. As many works of reference and criticism will be consulted as is possible. Grandgent's edition will be used in class. Second semester, Tuesday, Wednesday, Thursday, and Friday, at 9. Optional in Group II. Not offered in 1912-13.

## LATIN

PROFESSOR SCOTT

105. (a) **Cicero—Philippics,** I., II., III., V., VII. Tuesday, Wednesday, Thursday, Friday, 7.

(b) **Latin Literature of the Early Empire.** Monday, Tuesday, Wednesday, Thursday, 7:45.

(c) **Latin Prose Composition.** Monday, Tuesday, Thursday, Friday, 9.

Course a, b, or c, is required of Freshmen in Groups I., V., and VI. Elective in all others. First semester.

106. (a) **Tacitus. Annals.** Books XIII.-XVI. Tuesday, Wednesday, Thursday, Friday, 7.

(b) **Livy.** Books V., VI., VII. Monday, Tuesday, Wednesday, Thursday, 7:45.

(c) **Latin Prose Composition.** Monday, Tuesday, Thursday, Friday, 9.

Course a, b, or c, is required of Freshmen in Groups I., V., and VI. Elective in all others. Second semester.

107. **Plautus.** Monday, Tuesday, Wednesday, Thursday, 10. Required of Sophomores in Group I. Elective in all others. First semester.

108. **Seneca. Tragedies.** Monday, Tuesday, Wednesday, Thursday, 10. Required of Sophomores in Group I. Elective in all others. Second semester.

109. **Latin Literature.** Tuesday, Thursday, 2. Elective in all groups. First semester.

110. **Mythology.** Wednesday, Friday, 2. Elective in all groups. First semester.

111. **Roman Life.** Wednesday, Friday, 2. Elective in all groups. Second semester.

112. **Roman Art and Archæology.** Tuesday, Thursday, 2. Elective in all groups. Second semester.

## MATHEMATICS

PROFESSOR MILLER

113. **Algebra.** Freshman year. First semester, Two sections: First section, Tuesday, Wednesday, Thursday, Friday, 9; second section, Monday, Tuesday, Wednesday, Thursday, 11. Required in Groups I., II., III., IV., V., VI.

The principal topics are series, undertermined coefficients, continued fractions, permutations, combinations, probability, determinants, theory of equations, and the solution of numerical higher equations. Some

time at the close of the first semester and beginning of the second semester will be given to exercises in Geometry and Algebra and their reciprocal relations.

114. **Trigonometry.** Freshman year. Second semester. Two sections: First section, Tuesday, Wednesday, Thursday, 9; second section, Monday, Tuesday, Wednesday, Thursday, 11. Required in Groups I., II., III., IV., V., VI.

This course includes Plane, Analytic, and Spherical Trigonometry. A careful and consistent development of the fundamentals is given. Emphasis is placed on the theoretical portions of the work. Solutions and discussions of problems.

115. **Analytic Geometry and Calculus.** Sophomore year. First semester. Monday, Tuesday, Thursday, Friday, 10. Required in Group IV. Elective in the other groups.

The work includes straight line, circles, loci, conic sections, an analysis of the general equation of the second degree, and some of the higher plane curves. The aim is to fit the student in analytic methods for their use in the higher analysis of subsequent courses. The rules for differentiating standard elementary forms are taught and used in this course.

116. **Calculus, Differential and Integral.** Sophomore year. Second semester. Monday, Tuesday, Thursday, Friday, 10. Required in Group IV. Elective in all other groups.

The chief subjects are theory of limits, differentiation, theory of plane curves, maxima and minima, theory of infinite series, functions of several variables, methods of integration, lines, areas, and volumes.

117. **Synthetic Geometry.** First semester, Open to Juniors and Seniors who have had the prerequisites. Monday, Wednesday, Thursday, Friday, 7:45. Required in Group IV. Elective in the other groups.

This course is changed each year, and has included Quaternions, Solid Analytic Geometry, including the Calculus of Solids, Higher Plane Curves. Theory of Errors, Method of Least Squares, Modern Synthetic Geometry, Descriptive Geometry, and Theoretical Astronomy.

118. **Differential Equations.** Second semester. Open to Juniors and Seniors who have had the prerequisites. Monday, Wednesday, Thursday, Friday, 7:45. Required in Group IV. Elective in the other groups.

This course is changed each year, and has included Vector Algebra, Analytic Mechanics, Differential Equations, Theory of Equations, Determinants, the Algebra of Logic, Principles of Science, History and Philosophy of Mathematics.

## MISSIONS

PROFESSOR JONES

119. **History of Christian Missions.** This course will aim to trace the missionary movement from its beginning and more especially missionary expansion since the Reformation. It emphasizes the present as the "Decisive Hour of Christian Missions," and the responsibility of the church with reference thereto. Especially adapted to those preparing for the ministry and any other lines of Christian work. Required in Group VII. Elective in all others. First semester,

four hours a week. Monday, Tuesday, Thursday, and Friday, at 10. Not given in 1912-13.

120. **Modern Missions.** A study of the motive and aim in missionary work, the qualifications and appointment of foreign missionaries, their work and their relations to the natives, the native churches, the Board, and the home church. The great importance of the home missionary work is also considered, and the responsibility of the church in reference to the same. Required in Group VII. Elective in all others. Second semester, four hours a week. Monday, Tuesday, Thursday, and Friday, at 10. Not given in 1912-13.

120. (a) **Non-Christian Religions.** A study of the principal non-Christian religions of the world, including their origin, teachings, development, and present condition. A brief study of missionary biography with special reference to the United Brethren denomination and its missionary activities. Required in Group VII. Elective in all others. Second semester, Monday, Tuesday, Thursday, and Friday, at 10.

## PHILOSOPHY

PROFESSOR SANDERS

Philosophy, the science of Science, exploring, as it does, the universe of matter and mind and finding the root-principle and cause of all things, the origin and destiny of all, becomes fittingly the crown of any course of study and instruction.

Here is set forth the true theory of thought and knowledge as the gateway to the world of reality.

The texts are so selected and the subjects so presented as to make a consistent whole of organic knowledge, each part reinforcing all and all each.

Thus the student is enabled to put rational insight in the place of blind faith, and to have firm footing as he walks through the world.

At present the department includes courses in Philosophy, Evidences, and Education, but in all there is a philosophic ground, and the work is conducted in a philosophic spirit. All the work is for Juniors and Seniors.

The following courses are offered.

121. **Psychologic Foundations of Education.** Harris. Tuesday, Wednesday, Thursday, Friday, 7:45. Parts I. and II. First semester.

122. Part III. With collateral reading and study. Second semester. This course was given in the College year 1910-11, and will alternate with another year's work, namely, Philosophy of Education, Philosophy of Teaching, and Philosophy of School Management, three courses, given in 1911-12.

In this course an effort will be made to get a clear and comprehensive view of the psychic powers, the genesis of the higher from the lower, the subjective coefficient of all human activities, furnishing the field of educational psychology; the three great stages of thought, and the three corresponding world-views. The aim will be to give the student a clear insight into the nature of space, time, cause, the infinite, the absolute, the principle of self-activity, and to see that the last is the ground and explanation of all things in the worlds of mind and matter. A study is made of the philosophy of art, the potencies of the mind, the institutions that educate, the five windows of the soul, and an effort is made to ground the student in truths fundamental in all the sciences based upon the spiritual

nature of man. Elective for advanced students in all groups.

123. **The Philosophy of Education.**—Rosenkranz. Tuesday, Wednesday, Thursday, Friday, 7:45. Parts I., II., and III. First semester, 1913-14.

This work, rich in philosophic thought, and having a somewhat elaborate commentary by the editor, Dr. William T. Harris, calls special attention to the deep significance of the principle of self-estrangement as lying at the foundation of the Philosophy of Education. The student here will find a body of educational principles which will furnish a safe guide in his pedagogical thought. Elective for all groups.

124. **The Philosophy of Teaching.**—Tompkins. Tuesday, Wednesday, Thursday, Friday, 7:45. First half of second semester, 1913-14.

The student here will learn that the world and self are both grounded in reason; that the world is my larger-self—the one conscious reason, the other, unconscious reason, each the correlate of the other; that the Philosophy of Teaching is the universal element in the method of translating the world of reality into a world of thought. In other words, we have here the essential nature and laws of the teaching process. Elective for all groups.

126. **The Philosophy of School Management.**—Tompkins. Tuesday, Wednesday, Thursday, Friday, 7:45. Second half of second semester, 1913-14.

Here we find the school to be a beautiful unity—an organic, spiritual unity—that the teacher and pupil are the essentials in a school, and that whatever tends to secure their unity and equality is a right act, and whatever tends away from these is a wrong act. Every

act and deed is interpreted in the light of a fundamental principle. Elective in all groups.

127. **Analogy of Religion and Natural Law in the Spiritual World.**—Butler, Drummond. Monday, Wednesday, Thursday, Friday, 9. First semester.

In this study the aim is to show the analogy of religion to the constitution and courses of nature; that there is natural law in the spiritual world and spiritual law in the natural world; that all systems unite in one universal system; and by supplemental lectures to adapt the study to the times, calling attention to the later forms of unbelief, in order to place the student in possession of as complete a defense of the Christian faith as possible. Elective in all groups.

128. (a) **Ethics.**—Valentine. Monday, Wednesday, Thursday, Friday, 9. First half of second semester. Pains will be taken, by careful study of the text, discussions, and lectures, to ground the student in the principles of this science. The nature of conscience, the ground of right, and the grandeur of the moral law will receive special consideration. Required for Seniors in Groups IV., V., VII.

128. (b) **Grounds of Theistic and Christian Beliefs.** Fisher. Monday, Wednesday, Thursday, Friday, 9. Second half of second semester. This is a work in Theistic and Christian Evidences, masterly and profound. There is constant endeavor to justify in the student the conviction that the argument for Christianity is one of impregnable strength. Elective for Seniors in all groups.

129. **Logic.**—McCosh. Monday, Tuesday, Thursday, Friday, 10. First semester.

Here are set forth the laws of thought and the structural frame-work of the thinking reason—the universal mental formula in harmony with objective reality. The aim will be to make the subject as practical as possible, special attention being given to the syllogism and to fallacies in reasoning. Some time also will be given to the Logic of Science or Inductive Logic. Required for Juniors in all groups, except Group III.

130. **Psychology.**—Hamilton. Monday, Tuesday, Thursday, Friday, 10. Second semester. An attempt will be made to set forth the philosophy of mind and to give a true theory of thought and knowledge. There will be free discussions and lectures on points of special interest and difficulty, and there will be constant effort to lead the student to sound and defensible conclusions. Current psychological problems and questions will have a place, and an attempt will be made to show the practical side in our every-day living Required for Seniors in all groups.

131. **History of Philosophy.**—Weber. Monday, Tuesday, Wednesday, and Thursday, at 11. First and second semesters. As complete a survey of the whole subject, Ancient, Medieval, and Modern as the time will allow is made, giving the student as clear and comprehensive a view as possible of the origin, progress, and present conditions of philosophic inquiry. In connection with this, the problems of philosophy and philosophy as such will have due consideration. Elective in all groups.

## PHYSICS

PROFESSOR MILLS

133 and 134. Carhart's University Physics is used for two recitations a week, and Ames' and Bliss's Manual for four hours' laboratory work. Mechanics, Sound, and Light are taken in the first semester; Heat Electricity, and Magnetism in the second. The laboratory work is quantitative, demanding originality in method, and accuracy to the limit of the instruments employed in the experiment. Prerequisite, Trigonometry. Analytical Geometry is advised. Laboratory fee is one dollar and fifty cents. Required in the Science Course. Four hours a week through both semesters. One unit's credit.

## SPANISH

PROFESSOR ROSSELOT

83. **Elementary Spanish.** A careful study of the grammar and the reading of easy texts. Conversation and dictation form a part of the work, but the student is taught to read and write as soon as possible. Hill's and Ford's "Spanish Grammar" and Giese's and Cool's "Spanish Anecdotes" will be used as texts. First semester, Monday, Wednesday, Friday, at 7:45. Optional in Group II.

84. **Spanish Prose and Poetry.** A course in reading Spanish. The entire time will be spent on reading, so that the student may find it easy to continue further work in Spanish literature. Much stress will be laid on the mastering of a vocabulary. Second semester, Monday, Wednesday, and Friday, at 7:45. Optional in Group II.

## MARTIN BOEHM ACADEMY

### FACULTY

WALTER GILLAN CLIPPINGER, A.B., D.D.
PRESIDENT

RUDOLPH H. WAGONER, A.M.
PRINCIPAL
*Latin*

ALMA GUITNER, A.M.
*German*

REV. NOAH E. CORNETET, A.M.
*Greek*

JAMES PORTER WEST, A.M.
*English, History, and Civics*

SAMUEL JACOB KIEHL, A.B.
*Mathematics and Science*

JOHN WALDO FUNK, A.B.
*Physiology and Botany*

## THE MARTIN BOEHM ACADEMY

By an action of the Board of Trustees of Otterbein University the Academy was made a separate institution, June, 1909.

With the present course of study the Academy now offers as extensive and thorough work as given by the best high schools and academies. For students not otherwise prepared the Academy offers four full years, consisting of thirty-eight weeks each and recitation periods one hour each. Whenever demand justifies classes may be formed in United States History, English Grammar, and Arithmetic. Graduates of the Academy are admitted to Freshman standing without conditions or examinations.

### COURSES OF STUDY

#### First Year

| First Semester— | | Second Semester— | |
|---|---|---|---|
| General History | 5 | General History | 5 |
| Rhetoric | 5 | Rhetoric | 5 |
| Physiology | 5 | Botany | 4 |
| Beginners' Latin | 5 | Beginners' Latin | 5 |

#### Second Year

| | | | |
|---|---|---|---|
| English History | 5 | Civics | 4 |
| English Classics | 4 | English Classics | 4 |
| Physical Geography | 5 | Algebra | 5 |
| Latin Composition and Grammar | 5 | Cæsar | 5 |

#### Third Year

| | | | |
|---|---|---|---|
| History of English Literature | 4 | History of American Literature | 4 |
| Algebra | 5 | Greek, German, or French. | 5 |
| Greek, German, or French. | 5 | Algebra | 5 |
| Cicero | 4 | Cicero | 4 |

#### Fourth Year

| | | | |
|---|---|---|---|
| Geometry | 5 | Geometry | 5 |
| Greek, German, or French. | 4 | Greek, German, or French. | 4 |
| Vergil | 4 | Vergil | 4 |
| Physics | 4 | Physics | 4 |

## SCHEDULE OF RECITATIONS

### Academy

| First Semester | Second Semester |
|---|---|
| 7:00 | 7:00 |
| History—21 | Civics—4 |
| Latin—27 | Latin—28 |
| 7:45 | 7:45 |
| Latin—23 | Botany—2 |
| Physics—37 | Latin—24 |
| Physiology—41 | Physics—38 |
| 9:00 | 9:00 |
| English Lit.—9 | Am. Literature—10 |
| Geometry—35 | Botany—2 |
| Latin—25 | Geometry—36 |
| 10:00 | Latin—26 |
| German—11 | 10:00 |
| Greek—15 | Algebra—32 |
| Latin—29 | German—12 |
| Phys. Geography—39 | Greek—16 |
| 11:00 | Latin—30 |
| Algebra—33 | 11:00 |
| 1:00 | Algebra—34 |
| German—13 | 1:00 |
| Greek—17 | History—20 |
| History—19 | German—14 |
| 2:00 | Greek—18 |
| Rhetoric—5 | 2:00 |
| 3:00 | Rhetoric—6 |
| English—7 | 3:00 |
| | English—8 |

## BOTANY

PROFESSOR FUNK

2. **Structural Botany and Morphology** are studied in class-room, laboratory, and field. Much prominence is given to the relation of the living plant to its surroundings and the influence of environment on structure and growth. Notes and drawings from the laboratory and field work form an important part of the work. Analyzation of a series of flowers will also be included as a sequel to the study of plant evolution.

Second semester. Monday, Tuesday, and Thursday, at 7:45. Laboratory, Friday afternoon, 2 to 4.

## CIVICS

PROFESSOR WEST

4. The origins of our National, State, and local governments will be the work of the first half of the second semester. Our various local and national institutions will be studied from the standpoint of cause for their existence, such as courts, House of Congress, etc. The last half of the second semester will be devoted to the study of the constitution and local government. Fiske's "Civil Government" and Andrews' "Manual of the Constitution" will be the texts. Four times per week for second semester, at 7:45.

## ENGLISH

PROFESSOR WEST

5-6. **Rhetoric.** This course includes the teaching of the fundamental principles of composition in required daily writing. The sentence, the paragraph, the whole composition will receive strictest attention throughout the course. Outlines of and the writing of narratives, descriptions, expositions, and argumentations, based on models, will be the basis of the work. A suitable text will be used as a guide in the work. A number of classics will be read as a basis of work in composition.

Five times per week for first and second semesters, at 2.

7-8. **English Classics.** The following selections from the uniform college entrance requirements will be read: Milton's Minor Poems, Washington's Farewell Address and Webster's First Bunker Hill Oration,

Carlyle's Essay on Burn's Scott's Lady of the Lake, Arnold's Sohrab and Rustum, Irving's Sketch Book, Walden, Hawthorne's House of the Seven Gables, George Eliot's Silas Marner, Chaucer's Prologue, Shakespeare's Macbeth, Julius Caesar, and Merchant of Venice. Four times per week for the first and second semesters, at 7.

9. **English Literature.** This work will give a survey of English literature from the beginning to the present. The aim is to give a good historical basis for more advanced study in literature. Special attention will be given to Anglo-Saxon and Normal influences, together with the effect of the Renaissance and Reformation. A suitable text will be used for the historical review and a number of classics, not included under Courses 7 and 8 above, will be read. Four times per week for first semester, at 9.

10. **American Literature.** An historical study of American literature, emphasizing the geographical side, will be the nucleus of the work, supplemented by the reading of classics not included in Courses 7 and 8 above. Four times per week for second semester, at 9.

## GERMAN

PROFESSOR GUITNER

11. **Third Year.** German Grammar. Special attention is given to acquiring an accurate pronunciation and mastery of the forms of inflection. Oral drills and written exercises afford the student constant practice in the use of the languege. The reading of German is begun early, and is carried on in connec-

tion with the study of the grammar. First semester, five hours a week, at 10.

12. **Third Year.** German Grammar. The study of the grammar is continued, and a more advanced text is used for translation. Second semester, five hours a week, at 10.

13. **Fourth Year.** A careful review of the grammar and sentence structure will be carried on with Pope's German Composition as a basis. Schiller's Wilhelm Tell and one other classic will be read. First semester, Monday, Tuesday, Wednesday, and Friday, at 1.

14. **Fourth Year.** The exercises in composition will be continued, and selections for translation will be made from the works of Schiller and Goethe. Second semester, Monday, Tuesday, Wednesday, and Friday, at 1.

## GREEK

PROFESSOR CORNETET

15. Benner and Smyth's Elementary Greek is used. During the first semester words and forms receive special attention and drill. First semester, five hours, at 10.

16. Continuation of the work of preceding semester. Constructions and rules of syntax are emphasized. Thorough drill in conjugation practiced in review. The latter part of this term is devoted to the reading of a delightful historic novel, Gleason's Story of Cyrus. Composition exercises based on text. Second semester, five hours, at 10.

17. During the first semester of the second year of the curriculum books I.-IV. of the Anabasis

are read. Moss' Greek Reader is used for sight reading. Constant attention is given to the root and stem basis of words. One purpose is to cultivate the faculty of originality and self-reliance. The student is urged to exhaust his own resources before using the vocabulary. First semester, four hours, at 1.

18. Homer's Iliad is read, including books I.-VI. The student is soon delighted with this masterpiece of literature. Appreciation of this classic is sought, rather than technical quibbling and speculation on forms and "the Homeric question." The student's imaginative faculty is developed in studying the superb imagery of Homer. Ample attention is given to metrical reading. Second semester, four hours, at 1.

## HISTORY

PROFESSOR WEST

19. **Ancient History.** This course takes a general survey of history from its earliest dawn down to the period of Charlemagne. The course will emphasize not simply the story of the ancient nations, but of ancient civilization in its development and decay. The work will include some parallel readings from original sources and from good secondary books. Care will be taken that the pupil shall have a clear idea of the geography and the chronology of events. The department is supplied with suitable maps for the course. First semester, five hours a week, at 1.

20. **Mediaeval and Modern History.** This course continues the study of general history as begun in the preceding semester. The treatment of this period and the method of study will follow that indicated under

Ancient History. Second semester, five times a week, at 1.

21. **English History.** This course will be a survey of the great movements by which ancient England has become modern England and of the forces which have given rise to this movement. Emphasis will be given to the fusing of the several races, the problems of government, the development of manufacturing and commerce, and social and intellectual progress. Readings and reports from sources, and good secondary books will be a feature of this course. First semester, four hours a week, at 7:45.

## LATIN

PROFESSOR WAGONER

### First Year

23-24. Mastery of declensions and conjugations. Special emphasis given to syntax. Acquisition of vocabulary. Frequent reviews. Special work in composition. Written tests and examinations. Five hours a week throughout the year, 7:45. Text, D'Ooge.

### Second Year

25. General Review of declensions, conjugations and syntax. Composition and Grammar. Texts, Bennet's Latin Prose Composition and Latin Grammar. First semester, 9.

26. **Cæsar,** Books I., II., III., IV. Particular attention given to mastery of principal parts of verbs and syntax, including subjunctives and indirect discourse. Students are made familiar with Cæsar's campaigns. Five hours a week throughout the year. Second semester, 9. Any standard text.

**Third Year**

27. Four orations against Catiline. Special emphasis placed upon subjunctives and literary features of these orations. Attention given to Roman life in Cicero's time. First semester, 7.

28. Orations, Poet Archais and Manilian Law. Rhetorical and argumentative features studied. Review of grammar as found in these orations. Theses on assigned subjects. In addition to these orations some classes read Pardon of Marcellus, or Viri Romae. Four hours a week throughout the year. Second semester, 7. Any standard text.

**Fourth Year**

29. **Vergil,** Books I., II., III. The aim will be to enable the student to become familiar with the prominent features of classical mythology and the story of the wandering Trojan. First semester, 10.

30. **Vergil,** Books IV., V., VI. Attention given to the general cycle of myths and events which enter in Homer and Vergil, and form so large a part of the modern literature of civilized nations. Study of general metrical principles. The year's work will be largely from a literary standpoint. Grammatical features will receive attention. Theses required on some prominent features on the Æneid. Four hours a week throughout the year. Text, Frieze. Second semester, 10.

## MATHEMATICS

PROFESSOR KIEHL

32. **Algebra.** Course beginning second semester of second year at 10. Five hours a week. Fundamen-

tal operations, factoring, G. C. D., L. C. M., and fractions.

33. First semester, third year, at 11. Five hours a week. Ratios and proportion, variation, equations, systems of equations, graphs, quadratic equations, radicals.

34. Second semester, third year, at 11. Five hours a week. Exponents, logarithms, involution and evolution, imaginary and complex numbers, general form of quadratic equations, graphs of quadratic equation, series, interpretation of results, proportion, and variation reviewed.

35. **Geometry.** The aim of the course is twofold: first, definitions, proofs of theorems, solution of original exercises, and general mathematical principles will be taught; second, accuracy of statement, precision in the use of language, proper geometric conceptions, and the training of the logical faculties will receive the strictest attention.

First semester, fourth year, at 9. Five hours a week. The aim will be to cover the theorems of Plane Geometry with the solution of a few original exercises.

36. Second semester, fourth year, at 9. Five hours a week. The first seven or eight weeks will be given to original exercises in Plane Geometry. The remainder of the term, Solid Geometry. Students entering the College classes who have not had Solid Geometry will thus be given an opportunity to review the principles of Plane Geometry before the work in Solid Geometry begins.

## SCIENCE

PROFESSORS KIEHL AND FUNK

37. **Physics.** The work in this course will consist of class recitations upon the text and problems of Millikin and Gale's First Course in Physics. The instruction will aim to carry out the idea suggested by the author of the text, namely, "A simple and immediate presentation in language which the student understands of the hows and whys of the physical world in which he lives." The laboratory work involves measuring, and precision is insisted on in all work. About fifty laboratory exercises are required with a record of the work, and observations and deductions from the same.

A laboratory fee of one dollar per year is required.

Fourth year. Mechanics of solids, fluids, and heat. First semester, Monday, Tuesday, and Wednesday, at 7:45. Laboratory one period of two hours, 7 to 8:45, Thursday, or 1 to 3, Friday.

38. Second semester, fourth year. Electricity, sound, and light. Recitation and laboratory periods the same as in the first semester.

39. **Physical Geography.** The work will consist of a study of the forms of lands and the agents which operate in their formation. The endeavor will be to supplement a previous study of Descriptive Geography. Field trips and library work will supplement the text used. Salisbury's Physiography.

First semester, Monday, Tuesday, Thursday, and Friday, at 10.

41. **Physiology.** The course will consist of a fairly-advanced study of the properties and functions of the various portions of the human body. Sufficient

attention will be paid to Anatomy and Histology, in an elementary way, to lay a foundation for the understanding of the principles of Physiology and Hygiene. Skeleton's charts, and simple dissections will be made use of as aids in the recitation room. Blaisdell's "Life and Health," or an equivalent.

First semester, Tuesday, Wednesday, Thursday, and Friday, at 7:45.

## SCHOOL OF MUSIC

### FACULTY

WALTER GILLAN CLIPPINGER, A.B., D.D.
PRESIDENT

GLENN GRANT GRABILL
DIRECTOR OF THE CONSERVATORY
*Piano*

LULU MAY BAKER, A.B.
*Instructor in Piano*

MAUDE ALICE HANAWALT
*Instructor in Piano*

FRANK JORDAN RESSLER, Ph.B.
*Instructor in Voice*

GRACE E. DENTON
*Assistant in Voice and Piano*

LUCELL E. GILBERT
*Instructor in Violin*

## CONSERVATORY OF MUSIC

A valuable adjunct department of Otterbein University is the Conservatory of Music, established as early as 1853, and always standing for thoroughness in every respect.

The Conservatory of Music is located in the fine, new Lambert Fine Arts Building, which is a strictly modern structure of four stories, devoted to music and art alone. Numerous practice rooms, equipped with new Kimball pianos, which are rented to students at nominal rates, furnish a means for systematic practice. There is a fine recital hall, which seats about three hundred persons. In this hall are held the regular monthly recitals, which have been found to be of inestimable benefit to the pupil who wants to be at ease in public performance. No pains have been spared to make this building a perfectly-equipped home for a school of music.

The aim of the School of Music is to instill in the student a liking for good music, a desire to do earnest, concentrated, and systematic work, and thus form a solid foundation for artistic musicianship.

### METHOD

The most thorough pedagogical methods are used. Believing that all pupils do not develop by the same method, but must be studied for their individual needs, the instructors adopt the best principles from the different methods and use them as they deem advisable. The success of this plan is proven by the results that have been accomplished, and is demonstrated in the pupil's recitals, which are given frequently during the year.

### TIME FOR GRADUATION

The length of time required for graduation from any course of study depends largely on the talent of the pupil and the amount of time devoted to intelligent and conscientious practice. Some do in three years what others can hardly accomplish in five years.

### ENTRANCE

While students are permitted to enter at any time during the year, it is earnestly desired by the management that all pupils begin their work as near the beginning of the school year as possible, thus getting more desirable hours for lessons and practice periods. Especially is this urged for those taking different courses in Harmony, Counterpoint, or History of Music. Classes are formed in these courses at the beginning of the fall semester and continue unbroken throughout the school year.

Tuition is payable in advance, and no deduction is made for absence from lessons, except in case of protracted illness.

Students taking full work in music may take one or two studies in the regular College classes at special rates. The need of a good general education for musicians is a recognized fact, and all students are advised to take advantage of this plan.

### ADVANTAGES

Opportunity is given those who can sing to become members of the large College Chorus, which meets regularly under the leadership of the Vocal Director. A College Orchestra and Band are also organized under the supervision of the Music Department. Students who are competent may join these organizations

at the discretion of the director. Advanced pupils in pianoforte playing will have frequent practice in ensemble playing under the guidance of the director. The larger works of the great masters will be studied.

## COURSES OF INSTRUCTION

There are two courses leading to graduation—*Teachers' Diploma Course and Collegiate Course.* The degree of Bachelor of Music is conferred upon those completing the Collegiate Course in Piano (or the equivalent in vocal), Courses 1 to 6 in Harmony and Counterpoint, Courses 13, 14, and 15 in History of Music, and the following specified units of literary work:

Bible, one unit.
English, four units.
Foreign Language, five units.
General Literature, two units.
History and Civics, one unit.
Mathematics, two units.
Psychology and Ethics, one unit.
Science, two units.
Electives, three units.

Besides the major study, for this degree, there must be a secondary study in music, carried at least one year. A diploma will be granted those completing the Teachers' Diploma Course in Piano (or equivalent in vocal), one year of Harmony, and one year of History of Music.

Examinations will be required from time to time as the director and the instructors shall decide.

## COURSES IN PIANOFORTE PLAYING

It is not practicable to outline a course of study suitable for all students, since different pupils need

different studies. Our aim then, in giving such an outline, is only to show the standard of technical difficulty in the various grades. Each teacher will adapt instruction to the personal needs of the pupil. All courses are arranged in successive grades: One must have completed the lower grades (or the equivalent) before he can take up a higher grade; for example, in the pianoforte courses the student cannot enter the Teachers' Diploma Course until he has completed satisfactorily the Academic Course, etc.

## OUTLINE OF PIANO COURSES

### Academic Course

Elements of piano playing, hand culture, notation, properties of touch, studied in rhythmical sense, etc., instruction books according to need of pupil—Etudes of Koehler, Loeschhorn, Czerny, Concone, Heller, and others. Sonatinas by Clementi, Kuhlau, and others, Easier compositions of Händel, Bach, Mozart, Beethoven, etc. Pieces of like grade selected from the works of the best composers.

### TEACHERS' DIPLOMA COURSE

Continued development of the technique. Major and minor scales, double thirds, arpeggios, octaves. Daily technical studies. Etudes from Cramer, Moschels, Czerny, Clementi; two and three-part inventions of Bach; sonatas of Mozart and Beethoven; compositions by Mendelssohn, Schubert, Schumann, Chopin, Grieg, Raff, McDowell, and others.

### COLLEGIATE COURSE

Selection from suites of Händel and Bach, Bach's well-tempered Clavicord, etudes of Henselt, Chopin,

and Liszt; more difficult works of Beethoven; solo works of Weber, Chopin, Schumann, Liszt, Rubinstein, Grieg, Brahms, McDowell, etc.

### THEORETICAL COURSES

Elementary Harmony—Courses 1 and 2.
Advanced Harmony—Course 3.
Counterpoint—Course 4, 5, and 6.
Canon—Courses 7 and 8.
Fugue—Courses 9 and 10.
Composition—Courses 11 and 12.
History of Music—Courses 13, 14, and 15.
Theory of Music—(Classes formed each term).

Each course of the above outline refers to a term of approximately twelve weeks.

Textbooks used in above courses will be "The Material Used in Musical Composition," by Goetschius; "Single and Double Counterpoint, Canon and Fugue," by Jadassohn; Baltzell's "History of Music"; and Louis Elson's "Theory of Music," with much reference to other standard works.

One unit of credit will be allowed in the literary courses for Theory and History of Music.

### VOCAL COURSE

Knowing the fact that most of the faults of the average singer spring from a total lack of knowledge of his breathing apparatus, special attention is given to the proper method of breathing and its relation to correct singing. The pupil is taught first to recognize his faults and then to correct them. The instruction is designed to make each pupil a critic of his own singing. It is not deemed sufficient to point out the singer's faults, but to teach him how to correct them. The

student is shown how to produce a pure, ringing, and resonant tone, and how to sustain and carry the tone upon the breath. Correct placing of the voice and the proper character of every vowel is carefully taught. Clean and clear enunciation is demanded of every singer, as it is recognized that the highest art of the singer is not alone produced by his clever interpretation of the text. Carefully-graded and progressive vocalises are given to all pupils. The best songs and ballads of all nations are taught and carefully analyzed. Selections from the world's greatest song writers—Schubert, Franz, Schumann, Brahms, etc., and arias from the great oratorios and operas are given to advanced pupils. It is the aim of the voice director to give a well-rounded course in vocal instruction and to teach the student to appreciate the really great works of the masters of song. To further this end interpretative recitals by the vocal director will be given at frequent intervals throughout the year.

## PUBLIC SCHOOL MUSIC

### Course of Study

1. The Child Voice. Its care in the schoolroom.
2. The Rote Song.
    a. For its own sake.
    b. Its relation to rhythmic and tonal work.
3. Methods.
    a. Primary methods and devices.
    b. Methods in general.
4. The work of the grades along various lines.
    a. Notation. Music symbols explained.
    b. Ear training and dictation.

c. Sight reading from blackboard, chart, and book in one, two, three, and four-part music on treble and bass staff.
d. Song interpretation and selection.
e. Theory. When taken up and how much.
f. Melody writing. Its place and practice in school music.

## ORCHESTRAL AND BAND INSTRUMENTS

Pupils desiring to take work on stringed or band instruments can learn particulars about the courses in that department by communicating with the director or the professor in charge.

## EXPENSES

If the pupil studies music alone, the following table will give an approximate idea of the necessary expenses for a year of thirty-six weeks:

| | |
|---|---|
| Tuition—Piano (Vocal or Violin in place of Piano), Harmony, and History of Music | $ 54.00 to $102.00 |
| Board and room (light and heat furnished) | 117.00 to 162.00 |
| Books and Incidentals | 25.00 to 75.00 |
| Piano Rent | 15.00 to 36.00 |
| | $211.00 to $375.00 |

Any added studies will, of course, be extra. There are a number of free advantages. The recitals are free to all students. A class in Theory and Musical Form is organized each semester. This is free to music students, none of whom should fail to get this training.

## TUITION

### Private Lessons Per Semester

#### Piano

From the Director, two half-hour lessons per week....$36.00
From the Director, one half hour per week..... 20.00
From First or Second Assistants, two half hours per week ..... 25.50
From First or Second Assistants, one half hour per week ..... 15.00
From Third Assistant, two half hours per week..... 20.00
From Third Assistant, one half hour per week..... 12.00

#### Voice

From Head of Vocal Department, two half hours per week .....$30.00
From Head of Vocal Department, one forty-minute lesson per week..... 20.00
From Assistant, two half hours per week..... 20.00
From Assistant, one half hour per week..... 12.00

#### Violin and Stringed Instruments

Two half hours per week .....$25.50
One forty-minute lesson per week..... 15.00

### Class Lessons Per Semester

Harmony, Elementary and Advanced.....$10.00
Counterpoint, Composition, etc..... 13.00
Musical History, one hour per week..... 5.00
Classes of two in Piano with Director, two half hours per week, each..... 15.00
Public School Music, two hours per week..... 15.00
Sight Singing, one hour per week..... 1.50

### Rent of Practice Piano Per Semester

One hour per day.....$ 4.00
Each additional hour..... 3.50

Those taking less than one semester's work will be charged 5% more than regular rates per single lesson.

For further information, address

GLENN GRANT GRABILL, Director.

## THE SCHOOL OF ART

### FACULTY

WALTER GILLAN CLIPPINGER, A.B., D.D.
PRESIDENT

ISABEL SEVIER SCOTT
DIRECTOR
*Water Color, Oil Painting, Jewelry, Metal Work*

DAISY CLIFTON, B.F.A.
*Instructor in China Painting and Water Color*

LUELLA C. SOLLARS
*Design and Public School Art*

## THE SCHOOL OF ART

The Art Department is conducted on the fourth floor of the new Lambert Fine Arts Building. It is said to be the most comfortably lighted, ventilated, and heated conservatory in the country.

### A. THE TECHNICAL COURSE

Technical instruction is given in the following classes:

Class 1. Drawing in black and white from life, nature, flowers, casts, etc.
Class 2. Still-Life Class. Drawing and painting in water colors.
Class 3. Painting in oil and water colors.
Class 4. Portrait Class. Drawing and painting from the draped life model.
Class 5. China Painting.
Class 6. Wood Carving.
Class 7. Pyrography.
Class 8. Leather Tooling.
Class 9. Jewelry.
Class 10. Metal Work.
Class 11. Design.
Class 12. Clay Modeling.
Class 13. Public School Course.

### B. HISTORY OF CRITICISM OF ART.

Theory of Architecture, Sculpture, and Painting. Instruction in this course is given by textbook, lectures, and collateral reading. This course has special reference to the principles of Art Criticism.

1. History of Architecture. Four hours a week. First semester.

2. History of Sculpture. Four hours a week. First semester.
3. History of Painting. Four hours a week. First semester.
4. History of Greek Art. Four hours a week. Second semester.
5. History of Renaissance Art. Four hours a week. Second semester.
6. History of Modern Art. Four hours a week. Second semester.

One unit of credit will be allowed in literary courses for History and Criticism of Art.

Professors from other art schools judge and decide on the merit of the students' technical work.

Exhibitions of the technical work of the students of the department are given during Commencement week. The art rooms are tastefully decorated, and friends of the College are cordially invited to attend.

The new Fine Arts Building, Lambert Memorial Hall, is intended to accommodate the Music and Art departments, and is a splendid addition to the material resources of the College.

## DIPLOMAS AND DEGREES

Students who complete the work of one or more of the classes of the Technical Course will receive certificates signed by the instructor.

Diplomas are given by the Trustees of the University to those who have finished the full course outlined above.

The following are the additional requirements for the degree of Bachelor of Fine Arts.

Bible, one unit.

English, four units.
Foreign Languages, five units.
General Literature, two units.
History and Civics, one unit.
Mathematics, two units.
Psychology, one unit.
Science, two units.
Electives, three units.

**Expenses**

| | |
|---|---|
| Design | $ 7.00 |
| Pencil | 7.00 |
| Charcoal or Crayon, elementary | 7.00 |
| Beginners' Class, Water Color Painting | 9.00 |
| Charcoal or Crayon, advanced | 11.00 |
| Oil Painting | 11.00 |
| Water Color Painting | 11.00 |
| China Painting | 14.00 |
| Wood Carving | 11.00 |
| Portrait Painting, Oil or Water Color | 17.00 |
| Pyrography | 11.00 |
| Leather Tooling | 16.00 |
| Jewelry | 17.00 |
| Metal Work | 17.00 |

The above prices in each course are for twenty lessons.

## THE SUMMER SCHOOL

### FACULTY

WALTER G. CLIPPINGER, A.B., D.D.
PRESIDENT
*Lecturer on Psychology and Education*

NOAH E. CORNETET, A.M.
REGISTRAR

RUDOLPH H. WAGONER, A.M.
PRINCIPAL OF THE SUMMER SCHOOL
*Latin and Mathematics*

THOMAS J. SANDERS, Ph.D.
*Philosophy, Psychology, and Education*

CHARLES SNAVELY, Ph.D.
*Sociology and Economics*

ALZO PIERRE ROSSELOT, A.M.
*French and Spanish*

JOHN WALDO FUNK, A.B., M.D.
*Agriculture, Botany, Physiology, and Physical Geography*

SAMUEL J. KIEHL, A.B.
*History and English*

GRACE COBLENTZ, A.B.
*German*

GLENN GRANT GRABILL
DIRECTOR OF SCHOOL OF MUSIC
*Piano, Harmony, and Theory*

DAISY MAY CLIFTON, B.F.A.
*Art*

WILLIAM TECUMSEH TRUMP, Ph.B.
SUPERVISOR OF NORMAL WORK
*School Methods and Management, and History*

JOHN FRANK NAVE
*Penmanship*

VIDA SHAUCK
*Public School Music and Voice*

FRED G. BALE, LL.B.
*Public Speaking*

LILIAN PETIT
*Critic Teacher First and Second Grades, and Instructor in Manual Arts*

MISS HELEN M. HENNESSEY
*Critic Teacher Third and Fourth Grades*

ALBERT B. GRAHAM
*Agriculture*

H. L. HOPPER
*Household Economics*

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**LECTURERS**

WALTER G. CLIPPINGER, A.B., D.D.
President of the University
*Psychology and Education*

MARGARET W. SUTHERLAND
Principal of Columbus Normal
*Methods, Travel, and Literature*

THOMAS J. SANDERS, Ph.D.
Professor of Philosophy
*Philosophy and Education*

EDMUND A. JONES, Ph.D.
Professor of Bible and History
*School Law and School Men*

WILLIAM T. TRUMP, Ph.B.
Superintendent of Schools, Miamisburg
*Administrative Problems*

ERNEST A. SANDERS, A.M.
Professor in High School, Jersey City
*Forestry and Nature Study*

ALBERT B. GRAHAM
Head of Extension Department Agriculture, Ohio State University
*Agriculture*

H. L. HOPPER
House Decorator
*Household Science*

A. P. SANDLES
State Secretary of Agriculture
*Agriculture and Rural Problems*

Additional lectures, concerts, and entertainments to be announced.

## OTTERBEIN SUMMER SCHOOL, 1912

**Begins Monday, June 17—Closes, Friday, July 26**

The splendid attendance of recent years and the enthusiastic response given to our new courses and aggressive movements, warrant the University in enlarging even upon these. This catalogue announces more thorough courses and a larger number than last year. There will be a large number of instructors, and about seventy-five courses. The normal department will be especially strong this year. A half-dozen teachers will give their time exclusively to this work. Superintendent W. T. Trump, of Miamisburg, will have direct charge of all the work. As a special feature, courses will be offered for the benefit of superintendents, principals, and teachers in the higher grades. A well-conducted model school with actual critic teaching will be a feature.

New courses will be offered this year in Natural Science, Household Science, and Agriculture, and will be in charge of the regular College instructors.

A feature which was attractive and helpful in recent years was the free public lectures and entertainments offered on various occasions. The number and variety of these will be still greater than last year.

### ROOMS

Cochran Hall, with accommodations for eighty young ladies, will be opened. The rooms are nearly all arranged to accommodate two, and vary in price for the individual, from seventy-five cents to one dollar and seventy-five cents per week, according to size and location. The student provides her own

towels, and bedding, except mattress and pillows. Application for rooms should be made before coming. Room rent in the Hall is payable in advance.

The young men find rooms in homes of the town, making their own choice subject to the supervision of the faculty. The rooms vary in price according to location and furnishing. Generally two young men room together, thus making the expense to each from one dollar to one dollar and a half per week. Single rooms vary from one dollar to two dollars per week.

## BOARD

Board may be had in clubs and restaurants for $2.75 per week. Private board is slightly higher.

## TUITION AND FEES

Tuition in the Literary departments, College or Academy, twenty hours for term of six weeks.$8.00
For less than the six weeks, per week..... 2.00
Matriculation fee for students in all departments. .50
Work in Model Training School only..... 5.00
Additional work in Literary Department, per Course ..... 2.00
Full work (20 hours) in Literary Department and Model School.....10.00

(No fee of less than $4.00 will be accepted for any amount of work.

For rates in the departments of Music and Art, see those departments.

Special fees for Penmanship and Public Speaking.

## HOURS OF WORK AND CREDITS ALLOWED

A student may carry as many hours of work as he may elect, but under no circumstances will credit be

allowed for more than one unit which is one-fourth of a regular year's work. Under no circumstances will more than one-half unit of credit be allowed for any one study, and then only when pursued two hours per day. A study pursued one hour per day counts for one-fourth unit credit.

A unit of work in the college department consists of a study of four or five hours carried throughout the year, fractional parts based upon a proportionate number of hours. This applies to all college and academy courses.

Credits will be allowed in the college for certain kinds of work done in the normal department if approved by the Principal of the department and the Principal of the Summer School.

## DEPARTMENTS

I. College.
II. Academy.
III. Normal.
IV. Music.
V. Art.

## COURSES

### I. English

1. English Grammar.
2. American Literature.
3. English Literature, two classes.

### II. Mathematics

1. Arithmetic, advanced.
2. Algebra.
3. Geometry.

### III. Sociology, History, and Economics

1. Civil Government.
2. United States History.
3. American History.
4. European History.
5. General History.
6. English History.
7. Political Science.
8. Sociology.
9. Household Economics.

### IV. Science

1. Physical Geography.
2. Nature Study.
3. Elementary Botany.
4. Advanced Botany.
5. Physiology.
6. Agriculture.

### V. Pedagogy.

1. Psychology.
2. Philosophy of Education.
3. Psychologic Foundations of Education.
4. Philosophy of Teaching.
5. Philosophy of School Management.
6. History of Education.
7. Practical School Management.
8. School Administration.
9. School Law.
10. Model School and Methods.
11. Critic Teaching.
12. Child Study.
13. Manual Arts.
14. Story Telling.

### VI. German

1. Beginners' Class. (Review Only.)
2. Grammar and Prose.
3. Conversation.
4. One Advanced Course.

### VII. Latin

1. Caesar, IV. Books.
2. Cicero, two classes.
3. Virgil.

### VIII. French.

1. First Year.
2. Conversation.
3. Reading.
4. Romance Philology.

### IX. Spanish

### X. Music

1. Piano.
2. Harmony.
3. Counterpoint.
4. History of Music.
5. Voice.
6. Public School Music.

### XI. Art

1. Pencil.
2. Charcoal.
3. Water Color.
4. China.
5. Oil.
6. Wood Carving.

Courses will not be offered when less than five students apply. Double courses for which double credit will be allowed may be given in some instances.

Many of the above courses are offered also in the regular year's work. For description, consult catalogue elsewhere.

For full particulars concerning the Summer School send for complete catalogue.

## DEGREES CONFERRED IN 1911

### A.B.

Arnold, Glen Castle.....Waverly
Bandeen, Oren Ivan.....North Baltimore
Bauman, Hazel Mae.....Lima
Brooks, Alonzo Earl.....Findlay
Buttermore, Ada May.....Navarre
Coblentz, Grace.....Miamisburg
Cox, James Otis.....Pittsburg, Pennsylvania
Crosby, Ross Meily.....Rupert, Idaho
Daugherty, Besse Loula.....Wapakoneta
Dick, Jesse Jacob.....Bucyrus
Dick, Sarah May.....Dayton
Duckwall, George William.....Westerville
Emmitt, Robert Ernest.....Bowling Green
Flashman, Charles Cornelius.....Marcellus, Michigan
Fries, Vernon Ellsworth.....Bowling Green
Gifford, Homer Randall.....Wapakoneta
Grill, Simon Ambrose.....Richwood
Harper, Thomas Clarence.....Altoona, Pennsylvania
Hatton, Jacob Foraker.....West LaFayette
Hogg, John Thompson.....West Sunbury, Pennsylvania
Hughes, Arthur Elmer.....Sunbury
John, Rex Kephart.....Fairmont, West Virginia
Knauss, Cyrus Raymond.....Van Buren
Mattis, Walter LeRoy.....Dayton
Meyer, Gertrude Edith.....Christiansburg
Muthersbaugh, Grover Cleveland.....London
Moore, Lewis.....McComb
Niswonger, Chloe Zela.....Plain City
Parlette, Rhea Beatrice.....Dayton
Prinkey, E. Cora.....Westfield, Illinois
Richer, Benjamin Franklin.....Peru, Indiana
Sherrick, Leviah.....Westfield, Illinois
Shumaker, Don Cameron.....Chicago, Illinois
Warner, Ira David.....Chattanooga, Tennessee
Weaver, Estella Gifford.....Johnstown, Pennsylvania
Weinland, Helen Marie.....Lewisburg
Wenger, Simon Fred.....North Robison
Yates, Charles Dennis.....Dayton
Young, Curtis Kumler.....Westerville

### B.S.

Bailey, Walter Reuben.....Piqua
Bailey, Cloyd Leonard.....Bowling Green
Hebbert, Clarence Mark.....Columbus
Hummell, Robert Cleveland.....Columbus

Locke, Claude Delmont.....Philadelphia, Pennsylvania
Simon, Hollis.....Westfield, Illinois
Stringer, John Allison.....Hopedale
Thuma, Ross .....Shenandoah, Iowa
Wells, Frank Elmer.....Columbus
Wineland, Park.....Key West, Florida

**B.Mus.**

Hoffman, Sarah Mildred.....Dayton

**A.M.**

Thompson, Garnet.....North Baltimore
Wales, Roscoe Arthur.....Fremont
Wales, Waldo Verplank.....Akron

## DIPLOMA OF THE SCHOOL OF MUSIC

Crosby, Ross Meily.....Rupert, Idaho
Denton, Grace.....Westerville
Fleming, Mabelle Blanche.....Westerville
Longshore, Veo Dell.....Condit
Staiger, Bertie .....Portsmouth
Williamson, John Finley.....Dayton

## THE DIPLOMA OF THE SCHOOL OF ART

McFarland, Goldie Gay.....West LaFayette
McKean, Abagail .....Westfield, Illinois

## HONORARY DEGREES

**D.D.**

Kurtz, William Charles.....Dayton
Yaggy, J. H.....Bradford, Pennsylvania
Recard, C. W.....Canton

**Litt.D.**

Honline, Moses A.....Dayton

## STUDENTS—College Year 1911-1912

### SENIOR CLASS

Bale, Ila May.....Westerville
Bates, Leila Alice.....Rising Sun
Bennett, Edith Lenore.....Westerville
Bilsing, Sherman Weaver.....Crestline
Bolenbaugh, Mary.....Canal Winchester
Brundage, Ruth LaMeine.....Westerville
Coblentz, Edith Opal.....Westerville
Codner, Hazel Kathleen.....Canal Winchester
Converse, Helen.....Westerville
Cook, Alva Dean.....Westerville
Detwiler, Ruth Ora.....Connellsville, Pennsylvania
Flora, John Harvey.....Peru, Indiana
Gaver, Mary Ellen.....Westerville
Gilbert, Edith Alice.....Germantown
Hall, Charles Ralph.....Dayton
Harkins, Roy Lauver.....Burns, Kansas
Harman, Evarena.....Lancaster
Hartman, Milo Lloyd.....West Salem
Huber, William Henry.....Crestline
Jacobs, Zola Dell.....Findlay
John, Dwight Trefts.....Wilkinsburg, Pennsylvania
Kephart, Ethel Lucile.....Dayton
Lambert, Homer Parent.....Anderson, Indiana
Maxwell, Katherine Dell.....Lexington
Mayne, Virgil.....Lockington
McFarland, Guy Edison.....Westerville
Metzger, Harry Charles.....Westerville
Moses, Ralph William.....Westerville
Muskopf, Marcellus Albert.....Beach City
Phinney, Mark.....Spokane, Washington
Rogers, Percy Harold.....Columbus
Sanders, Charles Finney.....Westerville
Saul, Myrtle Geneva.....Brookville
Simon, Roub Howard.....Bloomdale
Smith, Ralph.....Westerville
Snyder, Jay.....Groveport.
Stofer, Barbara Barringer.....Bellville
Strahl, Yola Elmo.....Westerville
Yabe, Kiyoshi.....Yamato, Fukushumaken, Japan

### JUNIOR CLASS

Bevis, Norman David.....Mt. Healthy
Blackburn, Olive.....Holton, Kansas
Brane, Roscoe Harp.....Dayton

Brown, Mary Margaret.....Madison, Pennsylvania
Croghan, Henry Monroe.....Rockford
Dick, Frances Alwilda.....Bucyrus
Druhot, Raymond Leonard.....Mowrystown
Foltz, Camp Wellington.....Akron
Fouts, Paul.....Middletown
Funkhouser, Elmer Newton.....Big Pool, Maryland
Good, John David.....Harrisonburg, Virginia
Hanawalt, Fred Arthur.....Westerville
Hetzler, Charles Emery.....Germantown
Keck, Blanche Ione.....Westerville
Layton, Charles Rush.....Bowling Green
Maxwell, Bessie Beulah.....Lexington
Mayne, Horace Lambert.....Westerville
McLeod, Clarence Arthur.....Westerville
Moser, Esta May.....Wren
Moss, Clifford Harris.....Westerville
Nelson, Lydia Agnetta.....Jamestown, New York
Nelson, Thomas Hawley.....Straughn, Indiana
Peck, James Blaine.....Grand Valley, Pennsylvania
Penick, Ray Emmet.....Cincinnati
Potts, Anna Hortense.....Manchester
Richards, Louise Bertha.....Braddock, Pennsylvania
Roop, Carl Vernon.....Wren
Sando, Roscoe Briant.....Potsdam
Shanks, Flossie Ople.....Camden, Indiana
Snavely, John.....Massillon
Spafford, Glenn Dell.....Grand Rapids, Michigan
Spring, Clayton Edgar.....Homerville
Troxell, Lawson Monroe.....Miamisburg
Vance, Fern Landon.....Westerville
Van Saun, Walter.....Cherry Grove
White Charles Williard.....Findley Lake, New York
Young, Evelyn Kinloch.....Westerville

## SOPHOMORE CLASS

Alkire, Mary.....Westerville
Bandeen, De Witt.....Bowling Green
Barkemeyer, Edmund.....Dayton
Bierly, Ralph LeRoy.....Lewisburg
Bon Durant, Harmon Earl.....Bremen, Indiana
Brane, Grace Mary.....Dayton
Brenizer, Myra Belle.....Cardington
Bungard, Benjamin Finkle.....Calumet, Pennsylvania
Cook, Mildred Mabel.....Westerville
Cornetet, Hazel Lois.....Westerville
Curts, Lloyd Maynard.....Lucerne, Indiana
Fleck, Blanche.....Altoona, Pennsylvania

Gifford, Carl Ellwood.....Westerville
Grindell, Rose Ila.....Galion
Grise, Mary Orilla.....Canton
Groff, Esther May.....North Lawrence
Hartman, Guy Franklin.....West Salem
Hott, Jacob Horace.....Dayton, Virginia
Jamison, Boneta.....Lima
Johnston, Vina.....Shelby
Karg, Bertha Katherine.....Westerville
Maeder, Richard Emens.....Dayton
Martin, Mearl Marie.....Westerville
Martin, Irma Leontine.....Westerville
Maxwell, Jennie Ruth.....Lexington
Miller, Alice Lillian.....Philipsburg, Pennsylvania
Miles, Carrie Ione.....Marion
Moses, Helen Frazier.....Westerville
Nease, Garrett Stewart.....Westerville
Newman, Alexander.....Chicago Junction
Nichols, Gladys.....Westerville
Parish, James Rutah.....Bowling Green
Richer, Harry Ernest.....Peru, Indiana
Russell, Mary Eleanor.....Perrysburg
Saul, Ernest LeRoy.....Brookville
Schutz, Jacob.....Pandora
Sechrist, Ivan Drew.....Westerville
Shane, Minnie Belle.....Westerville
Shane, Anna Laura.....Westerville
Sheperd, Frank .....Westerville
Shupe, Nell.....Dayton
Shupe, Ethel.....Scottdale, Pennsylvania
Spatz, Edgar Elwood.....Dallastown, Pennsylvania
Staub, Irene.....Dayton
Van Buskirk, Esther Lucile.....Westerville
Wells, Samuel Ralph.....Roanoke, Indiana
White, Frances Eva.....Monroe, Wisconsin
Williams, Floyd Earl.....Chicago Junction

## FRESHMAN CLASS

Arnold, Cleon Mills.....Van Buren
Bailey, Edwin Earl.....Bowling Green
Bale, Walter.....Westerville
Bennett, Charlie Russell.....Westerville
Berrenger, Kaye Jones.....Fostoria
Born, Ernest Henry.....Millersport
Brobst, Earl Dewitt.....Findlay
Bronson, Claude Franklin.....Van Buren
Burris, Clinton Edo.....Brookville
Caflisch, Jessamine Frances...Keating Summit, Pennsylvania
Caldwell, Russell Ray.....Swanton, Nebraska

Calihan, Jay Resler.....Braddock, Pennsylvania
Campbell, Charles McKinley.....Westerville
Canfield, Everett.....Pemberville
Clifton, Allan.....Westerville
Cogan, Ruth.....Canton
Converse, Samuel Randall.....Westerville
Daub, Wade Gordon.....Helena
De Vaux, John Walter.....Mt. Pleasant, Pennsylvania
Dick, Ruth Columbia.....Bucyrus
Eckert, Edna.....Lexington
Elliott, Howard Wesley.....Bowling Green
Emrick, John Orval.....New Madison
Farber, Esther.....Bellville
Farver, Emery.....Hollis, Oklahoma
Gammill, Alton Clyde.....Westerville
Gantz, Andrew Jackson.....Westerville
Garver, Philip Albert.....Strasburg
Garn, Maud.....Gibsonburg
Garn, Ethel May.....Gibsonburg
Gilbert, Opal.....Germantown
Hall, Edna Wayne.....Westerville
Harley, Mary Iva.....Dayton
Harkness, Charles Sereno.....Findlay
Holmes, Alfred Eugene.....Westerville
Horn, John Frank.....Westerville
Huntwork, Lucy Gaynell.....Basil
Ingle, Ruth Dye.....Dayton
Keck, Bessie Beatrice.....Westerville
King, Dorothea Mae.....Scottdale, Pennsylvania
Koontz, Ruth.....Dayton
Lash, Carl Earl.....Canton
Latto, Hazel Lucile.....Westerville
Mayne, Mary Helen.....Westerville
McFarland, Olive Bright.....Westerville
McLeod, Myles Otto.....Westerville
Merwine, Norman Webb.....Westerville
Metzger, Mary Myrtle.....Westerville
Miller, Joseph Randolph.....Hooversville, Pennsylvania
Mills, Gilbert Emory.....Westerville
Overholt, Forest.....Van Buren
Payne, Jesse Asbury.....Westerville
Plott, Harold Clark.....Fostoria
Redd, Penrose Michael.....Elida
Reeves, Charles.....Braddock, Pennsylvania
Rinehart, Elmer Dean.....Westerville
Roth, Nettie Lee.....Dayton
Roush, Walter.....Bolivar
Schrock, Julia.....Westerville
Shepherd, Pauline Wilberta.....Westerville

Smith, James Brehman.....Frederickstown
Smith, Lloyd Elmore.....Dayton
Taylor, George Pike.....Reynoldsburg
Taylor, Gem Elberta.....Alexandria
Van Saun, Arthur.....Cherry Grove
Van Sickle, Marjorie Vida.....Dayton
Weaver, Howard Rodney.....Westerville
Weimer, Ruth .....Scottdale, Pennsylvania
Weimer, Russell.....Scottdale, Pennsylvania
Wells, Mildred Irene.....Tadmor
Williamson, Mary.....Westerville
Wilson, Kathryn Manette.....Van Buren
Winterhalter, Myrtle Irene.....Dayton
Wolfe, Archie Spangler.....Reading, Pennsylvania
Zuerner, Paul Edmund.....Braddock, Pennsylvania

## MARTIN BOEHM ACADEMY

Aaron, Herman.....Johnstown, Pennsylvania
Adams, Lois Loretta.....Galena
Beal, Theodore Marsten.....Westerville
Beard, Hazel.....Eldorado
Bordner, Jerry Elwood.....Tiro
Brenneman, James Alexander.....Elida
Bridenstine, James Roy.....Canton
Calihan, Leonard Quaill.....Braddock, Pennsylvania
Croghan, Alvy Clifford.....Van Wert
Dailey, Edward Harrison.....Chillicothe
Davidson, Gertrude.....Harrisville, West Virginia
Donaldson, Leona Victoria.....Westerville
Firestone, Frederick August.....New Berlin
Funk, Lloyd Valentine.....Westerville
Funk, Bess May.....Westerville
Garver, Lydia Baltzly.....Strasburg
Gaut, Ethel Lorena.....Yukon Pennsylvania
Gilbert, Lucelle.....Greenville
Glunt, Albert Lambert.....Greenville
Goodwin, Flossie May.....New Plymouth
Goughnour, Joseph Sylvester.....Johnston, Pennsylvania
Groves, Lulu Blanche.....LaFayette, Indiana
Hahn, Clarence Abner.....Westerville
Harris, Cassie .....Westerville
Harris, Myrtle Susan.....Westerville
Haueter, Gust .....Canal Dover
Heavlin, Ivy .....Bowerston
Hohn, Wilma.....Eldorado
Hohn, Lewis Michael.....Dayton
Holland, George.....Spring Valley
Jacoby, George Randolph.....Mt. Healthy

Johnessee, Ira Cecil.....Canton
Knapp, Clyde Dire.....Union City, Pennsylvania
Kratzer, Ernest Palmer.....Middleburg, Pennsylvania
Lambert, Arthur Lee.....Anderson, Indiana
Learish, Elmer Burton.....Woodland, Pennsylvania
Lybarger, Garrett Byron.....Nevada
Mallin, William Elwood.....Braddock, Pennsylvania
Mathias, Edgar Hanson.....Cincinnati
McGee, Gordon Lloyd.....Punxsutawney, Pennsylvania
Mingle, John Russell.....Pitcairn, Pennsylvania
Montague, Emery.....Lima
Muskopf, Emma Mildred.....Beach City
Naber, Peter George.....Dennison
Olds, Ethel May.....Youngsville, Pennsylvania
Owings, Grace.....Centerburg
Parsons, Ferne.....Bowerston
Parent, Ralph Kizer.....Union City, Indiana
Patrick, William.....Westerville
Phalor, Edna Blanche.....Westerville
Reese, Harry.....Johnstown, Pennsylvania
Rhoades, Ernest Eugene.....Six Lakes, Michigan
Ries, Lucile Vesta.....Sycamore
Rogers, William Coleman.....Cleveland, Tennessee
Sexauer, Donald Frederick.....Lancaster
Sleight, Olive.....Westerville
Snyder, Luciana.....Mt. Gilead
Spears, Jerry Garland.....Huntington, West Virginia
Stalter, Orvin.....Lima
Stewart, Mary Lela.....Westerville
Thomas, Frederick Hunter.....Johnstown, Pennsylvania
Urich, Jesse Leon.....New Lebanon
Van Saun, Julia.....Cherry Grove
Wai, Katherine, .....Canton, China
White, Sarah Vashti.....Monroe, Wisconsin
White, Nellie.....Freemansburg, West Virginia
White, Laura Bell.....Freemansburg, West Virginia
Yates, Richard.....Latrobe, Pennsylvania
Young, Robert Foster.....Tontogany
Zinsmaster, Clara Magdalene.....Navarre

## THE SCHOOL OF MUSIC

### SENIORS

Bennett. Edith Lenore.....Westerville
Brundage, Ruth LaMeine.....Westerville
Coblentz, Edith Opal.....Westerville
Demorest, Beunah Leora.....Westerville
Willis, Mabel Ida.....Portsmouth

## UNCLASSIFIED

Ault, Thirza Gladys.....Westerville
Bandeen, DeWitt.....Bowling Green
Bean, Jesse Roscoe.....Westerville
Beard, Hazel.....Eldorado
Benoy, Aubrey Ellen.....Columbus
Bolenbaugh, Mary.....Canal Winchester
Brane, Grace Margaret.....Dayton
Brobst, Earl Dewitt.....Findlay
Bungard, Anna Kathrynn.....Calumet, Pennsylvania
Burris, Clinton Edo.....Brookville
Caflisch, Jessamine Frances...Keating Summit, Pennsylvania
Campbell, Arabella.....Westerville
Campbell, Beryl Louise.....Bellville
Campbell, Leah.....Westerville
Campbell, Rhea.....Westerville
Carman, Madge Anna.....Washington C. H.
Cassler, Martha.....Hollsopple, Pennsylvania
Cleophas, Esta.....Winesburg
Coe, Iva.....Mt. Vernon
Cogan, Ruth.....Canton
Cole, Verna Leah.....Westerville
Condit, Georgia.....Westerville
Cook, Harry.....Westerville
Cook, Verna.....Westerville
Creamer, Mary.....Columbus
Daugherty, Myrtle.....Westerville
Denison, Emma Jean.....Somerset, Pennsylvania
De Voe, Florence.....Warren
De Voe, Clara Louise.....Warren
Dittmar, Helen Louise.....North Lawrence
Durrant, Bronson Alcott.....Westerville
Earl, Lula May.....Columbus
Ellis, Ethel Lucile.....Westerville
Emrick, Ruby Isabel.....New Madison
Ewing, Lillie.....Columbus
Farber, Esther.....Bellville
Fleck, Blanche.....Altoona, Pennsylvania
Foltz, Camp Wellington.....Akron
Forwood, Iva Pearl.....Sunbury
Foster, Wilma.....Westerville
Fry, Paul Revere.....Gambier
Frysinger, Crete.....Wren
Funk, Bess May.....Westerville
Gailey, Delta May.....Westerville
Gammill, Opal.....Westerville
Gantz, Frances Gertrude.....Westerville
Garn, Maud.....Gibsonburg
Garver, Lydia Baltzby.....Strasburg

Gifford, Ray ..... Westerville
Gorsuch, Annabel ..... Sunbury
Gray, Edith Leta ..... Lockbourne
Griffith, Mary ..... Westerville
Groves, Lulu Blanche ..... LaFayette, Indiana
Hall, Edna Wayne ..... Westerville
Harley, Mary Iva ..... Dayton
Hartman, Elizabeth May ..... Columbus Grove
Hawkins, Edith Inez ..... Centerburg
Heavlin, Ivy ..... Bowerstown
Herriot, Hazel ..... Plain City
Hetrick, Bessie ..... Columbus
Hill, Victoria Sellers ..... Columbus
Hines, Cora Agnes ..... West Mansfield
Holmes, Alice Louise ..... Westerville
Homrighouse, Nellie B ..... Otterbein, Indiana
Hudson, Hester ..... Coshocton
James, Chloe Myrtle ..... Westerville
James, Emma Estella ..... Westerville
Johnston, Minta ..... Shelby
John, Dwight Trefts ..... Wilkinsburg, Pennsylvania
Jones, Ellen Margaret ..... Westerville
Jones, Esther ..... Westerville
Jones, Luella ..... Westerville
Karg, Bertha Katherine ..... Westerville
Kempton, Lela ..... Sunbury
Kephart, Ethel Lucile ..... Dayton
Kerns, Mamie Caroline ..... Gohanna
King, Dorothea Mae ..... Scottdale, Pennsylvania
Koontz, Ruth ..... Dayton
Lash, Carl Earl ..... Canton
Latto, Hazel Lucile ..... Westerville
Linton, Maude ..... Westerville
Lumbert, Ethel ..... Columbus
Luttrell, Lucy Fern ..... Westerville
Mantor, Burton Foose ..... Galena
Martin, Irma Leontine ..... Westerville
Martin, Mearl Marie ..... Westerville
Maxwell, Catherine Dee ..... Lexington
Mayne, Mary Helen ..... Westerville
Mayne, Ira Daniel ..... Westerville
McElwee, Lucie Mae ..... Galena
McElwee, Ica Myrle ..... Galena
McFarland, Olive Bright ..... Westerville
Miller, Alice Lillian ..... Philipsburg, Pennsylvania
Moser, Esta Mae ..... Wren
Moses, Helen Frazier ..... Westerville
Muskopf, Emma Mildred ..... Beach City
Myers, Grace ..... Louisville

Nease, Alma.....Westerville
Nease, Garrett Stewart.....Westerville
Ogden, Ida Maude.....Linden
Ogline, Verda Mae.....Somerset, Pennsylvania
Owings, Grace.....Centerburg
Perfect, Duna .....Sunbury
Perfect, Florence Weyant.....Sunbury
Phalor, Edna Blanche.....Westerville
Randall, Mary.....Westerville
Reed, Maryetta.....Westerville
Reynolds, Florence Hazel..... .....Centerburg
Ries, Lucile Vesta.....Sycamore
Ritchie, Florence.....Westerville
Rogers, Percy Harold.....Columbus
Roth, Nettie Lee.....Dayton
Rowley, Lethe May.....Westerville
Sando, Roscoe Bryant.....Potsdam
Saul, Myrtle Geneva.....Brookville
Schwartz, Sadie .....Winesburg
Sherman, Elizabeth.....Westerville
Shride, Florence Dresbach.....Groveport
Shupe, Ethel.....Scottdale, Pennsylvania
Shupe, Nell.....Dayton
Simmons, Doris.....Freemansburg, West Virginia
Smith, Beatrice.....Westerville
Snyder, Luciana.....Mt. Gilead
Sowers, Melba Catherine.....Westerville
Spafford, Glenn Dell.....Grand Rapids, Michigan
Stock, Minnie Ada.....Westerville
Stofer, Barbara Barringer.....Bellville
Street Elizabeth. Zelma.....Gratis
Swisher, Edith.....Westerville
Walker, Fern Ethel.....Condit
Watts, Ethel.....Sunbury
Watts, Pauline.....Westerville
Webb, Doris.....Westerville
Weimer, Russell.....Scottdale, Pennsylvania
Weimer, Ruth.....Scottdale, Pennsylvania
Weir. Marguerite .....Westerville
Welch, Lucy.....Columbus
White, Edith Lovina.....Columbus
White, Nellie .....Freemansburg, West Virginia
White, Sarah Vashti.....Monroe, Wisconsin
Williams, Thomas Sterritt.....Westerville
Williamson, Mary.....Westerville
Wilson, Edith.....Mt. Morris, Michigan
Wilson, Gertrude Grace.....Selma
Work, Clara Louisa.....Galena
Zuerner, Paul Edmund.....Braddock, Pennsylvania

## SCHOOL OF ART

### SENIORS

Myers, Grace.....Louisville
Sollars, Louella.....Selden

### UNCLASSIFIED

Adams, Lois Loretta.....Galena
Adams, Wilma.....Westerville
Baker, Lillie.....Westerville
Bolenbaugh, Mary.....Canal Winchester
Brown, Lucile Ada.....Rose Farm
Brown, Dorothy.....Cedar Rapids, Iowa
Campbell, Beryl Louise.....Bellville
Carman, Madge Anna.....Washington C. H.
Cassler, Martha.....Hollsopple, Pennsylvania
Cogan, Ruth.....Canton
Cole, Verna Leah.....Westerville
Condit, Clara.....Pataskala
Courtright. Florence.....Columbus
Detwiler, Ruth Ora.....Connellsville, Pennsylvania
De Voe, Clara Louise.....Warren
Dill, Elsie Jennie.....Westerville
Ditmar, Helen Louise.....North Lawrence
Donaldson, Leona Victoria.....Westerville
Foster, Wilma.....Westerville
Gehr, Louise.....Columbus
Gilbert, Opal.....Germantown
Groff, Esther May.....North Lawrence
Groves, Lulu Blanche.....LaFayette, Indiana
Harman, Evarena.....Lancaster
Hawkins, Edith Inez.....Centerburg
Heavlin, Ivy .....Bowerstown
Herriott, Hazel.....Plain City
Hetrick, Bessie.....Columbus
Holcomb, Clara.....Westerville
Hurt. Floy Gladys.....Thorntown, Indiana
Jones, Louella.....Westerville
Johnston, Minta.....Shelby
King, Dorothea Mae.....Scottdale, Pennsylvania
Latto, Hazel Lucile.....Westerville
Maxwell, Jennie Ruth.....Lexington
Morrison, Lucile.....Chicago, Illinois
Moser, Esta Mae.....Wren
Naber, Peter George.....Dennison
Nichols, Mabel Mae.....Westerville
Ogline, Verda Mae.....Somerset, Pennsylvania
Paul, Katherine.....Westerville
Paul, Irma.....Westerville

Phinney, Eva ..... Westerville
Sanders, Charles Finney ..... Westerville
Sowers, Florence Meadow ..... Westerville
Staub, Irene ..... Dayton
Stewart, Mary Lelan ..... Westerville
Straw, Grace ..... Marion
Trone, Ruth Geraldine ..... Columbus
Webber, Carrie Louise ..... Westerville
Weimer, Ruth ..... Scottdale, Pennsylvania
West, Robert Hillis ..... Westerville
Wilson, Gertrude Grace ..... Selma

## SUMMER SCHOOL

### LITERARY STUDENTS

#### College Rank

Acton, Muriel Bourner ..... Westerville
Ault, Imogene Beatrice ..... Westerville
Bailey, Walter Reuben ..... Westerville
Baker, Nellie ..... Circleville
Bale, Ila May ..... Westerville
Barnett, Ira ..... Westerville
Beavers, Ethyl Brunelle ..... Orient
Bennett, Edith Lenore ..... Westerville
Berger, Helen ..... Jersey
Billman, Mamie Elizabeth ..... Galloway
Briner, Orville William ..... Westerville
Bungard, Benjamin Finkle ..... Calumet, Pennsylvania
Clark, Leah Florence ..... Peoria
Coblentz, Edith Opal ..... Westerville
Coffman, Ward Denver ..... Warsaw
Cook, Sarah ..... McKeesport, Pennsylvania
Detwiler, Ruth Ora ..... Connellsville, Pennsylvania
Deyo, Eva Mae ..... Orient
Dick, Frances Alwilda ..... Bucyrus
Doran, Willis ..... Pataskala
Duckwall, Mabel Pearl ..... New Madison
Dunbar, Clarence ..... Delta
Fackler, Mary ..... Chicago Junction
Fouts, Paul ..... Middletown
Gailey, Delta May ..... Westerville
Gearhart, Grace ..... Circleville
Good, John Daniel ..... Harrisonburg, Virginia
Grise, Mary ..... Canton
Groff, Zella ..... North Lawrence
Grindell, Rosella ..... Galion
Hanawalt, Fred Arthur ..... Westerville
Hartman, Guy Franklin ..... West Salem
Hendrix, Clara Belle ..... Lewisburg

Hennis, Florence.....Reynoldsburg
Hershner, Vinetta Cora.....Edison
Johnson, Aristes.....Charleston, West Virginia
Kels, Elsie Izora.....Johnstown, Pennsylvania
Lake, Alice Chloe.....Pitcairn, Pennsylvania
Leidy, Lelah.....Canal Winchester
Luh, Philip.....Westerville
Markey, Kathryn.....Dayton
Maxwell, Catherine Dee.....Lexington
Mead, Arlington.....Jersey
Metherd, Iva.....Miamisburg
Miller, Joseph Randolph.....Hooversville, Pennsylvania
Miller, Hazel Marie.....West Alexandria
Owings, Maude.....Centerburg
Pohlmann, Louise.....Hilliards
Potts, Anna Hortense.....Manchester
Roop, Carl Vernon.....Wren
Seneff, Alice.....Westerville
Sheller, Florence.....Claysville, Pennsylvania
Simon, Roub Howard.....Bloomdale
Smith, Ralph.....Westerville
Snyder, Jay.....Shauck
Strahl, Yolo Elmo.....Westerville
Streator, Maria.....West Jefferson
Tidball, Helen.....Coshocton
Tracy, Bettie.....Wheeling, West Virginia
Van Saun, Walter.....Cherry Grove
Warner, Annita.....Columbus
Weaver, Grace.....New Albany
Webber, Carrie Louise.....Westerville
Welch, Florence.....Galena
Wells, Ralph William.....Tadmor
Williams, Floyd Earl.....Chicago Junction
Williamson, Mary.....Westerville
Wise, Jennie.....Johnstown, Pennsylvania
Wise, Leo.....Marysville
Wood, Mae Pearl.....Wheeling, West Virginia
Young, Robert Foster.....Tontogany
Zurcher, Olga Celeste.....Peoria

### Academy Rank

Dailey, Edward Harrison.....Chillicothe
Dehnhoff, Mabel.....Westerville
Fichtleman, Willis.....Westerville
Fulks, Esther Elaine.....Charleston, West Virginia
Harris, Myrtle Susan.....Westerville
Hetzler, Elwyn Sylvia.....Germantown
Hetzler, Helen Marie.....Germantown
Lightner, Charles.....Westerville

Miller, Anna.....Pleasantville
Oen, Louie.....Lima
O'Harra, Rhoda Marguerite.....Westerville
Radcliff, Elzie .....Williamsport
Shafer, Pearl.....Granville
Spears, Jerry .....Huntington, West Virginia
Stump, M. V. B.....Commercial Point
Valentine, Hazel.....Sycamore
Weaver, Clark.....Westerville
Work, Clara.....Galena

## STUDENTS IN MODEL SCHOOL AND METHODS OF TEACHING

Acton, Muriel Bourner.....Westerville
Baker, Nelle.....Circleville
Barnett, Iva.....Westerville
Beavers, Ethyl Brunelle.....Orient
Billman, Mamie Elizabeth.....Galloway
Clark, Leah Florence.....Peoria
Duckwall, Mabel Pearl.....New Madison
Fulks, Esther Elaine.....Charleston, West Virginia
Gardner, Helen.....Westerville
Gearhart, Grace.....Circleville
Groff, Zella .....North Lawrence
Hennis, Florence.....Reynoldsburg
Hudson, Edna.....Coshocton
Johnson, Aristes.....Charleston, West Virginia
Kels, Elsie Izora.....Johnstown, Pennsylvania
Lake, Alice Chloe.....Pitcairn, Pennsylvania
Leidy, Lelah.....Canal Winchester
Metherd, Iva.....Miamisburg
Miller, Anna.....Pleasantville
Miller, Hazel Marie.....West Alexandria
Pohlmann, Louise.....Hilliards
Shafer, Pearl.....Granville
Sheller, Florence.....Claysville, Pennsylvania
Smith, Beatrice.....Westerville
Streator, Maria.....West Jefferson
Tidball, Helen.....Coshocton
Valentine, Hazel.....Sycamore
Warner, Annita.....Columbus
Watts, Ethel .....
Weaver, Grace.....New Albany
Welch, Florence.....Galena
Wise, Jennie.....Johnstown. Pennsylvania
Wise, Leo.....Marysville
Zurcher, Olga Celeste.....Peoria

## STUDENTS IN MUSIC

Auchey, Mayme.....Dayton
Bard, Mary.....Westerville
Campbell, Arabella.....Westerville
Coblentz, Edith Opal.....Westerville
Coe, Iva Monetta.....Mt. Vernon
Demorest, Beunah Leora.....Westerville
Fulks, Esther Elaine.....Charleston, West Virginia
Gailey, Delta May.....Westerville
Hall, Edna Wayne.....Westerville
Hetzler, Marie.....Germantown
Hill, Victoria Sellars.....Columbus
Hudson, Hester.....Coshocton
Jones, Ellen Margaret.....Westerville
Kirk, Gale Irene.....Canal Lewisville
Orput, Amelia Myra.....Dayton
Patterson, Minnie Mae.....Columbus
Perfect, Florence Weyant.....Sunbury
Randall, Mary Van Voorhis.....Westerville
Street, Zelma Elizabeth.....Gratis
Weinland, Robert Augustus.....Columbus
Wells, Ralph William.....Tadmor
Whitmer, Eva Belle.....Vandalia
Zimmerer, Irene Marguerite.....Columbus

## STUDENTS IN ART

Baker, Nelle.....Circleville
Bard, Mary.....Westerville
Bennett, Edith Lenore.....Westerville
Detwiler, Ruth.....Connellsville, Pennsylvania
Duckwall, Mabel Pearl.....New Madison
Gearhart, Grace.....Circleville
Hershner, Vinetta Cora.....Edison
Markey, Kathryn.....Dayton
Maxwell, Catherine Dee.....Lexington
Morrison, Ada Lucile.....Chicago, Illinois
Nicholson, Anna.....Westerville
Robins, Beulah.....Westerville
Seneff, Alice.....Westerville
Webber, Carrie Louise.....Westerville
Welch, Florence.....Galena
Wenger, Ethel Mae.....Westerville
Whitmer, Eva Belle.....Vandalia
Wise, Jennie.....Johnstown, Pennsylvania
Work, Clara.....Galena

## STUDENTS IN PENMANSHIP

Berger, Helen.....Jersey
Doran, Willis.....Pataskala
Groff, Zella.....North Lawrence
Harris, Myrtle Susan.....Westerville
Kels, Elsie Izora.....Johnstown, Pennsylvania
Metherd, Iva.....Miamisburg
Mead, Arlington.....Jersey
Oen, Louie.....Lima
Orput, Amelia Myra.....Dayton
Snyder, Jay.....Shauck
Stump, M. V. B.....Commercial Point

## SUMMARY OF STUDENTS

| | | |
|---|---|---|
| College: | | |
| Seniors | 39 | |
| Juniors | 37 | |
| Sophomores | 48 | |
| Freshmen | 75 | |
| Summer School Students of College Rank | 78 | |
| Names repeated | 30 | |
| Net total of College Students | | 247 |
| Academy | | 70 |
| Music | | 151 |
| Art | | 55 |
| Summer School | | 116 |
| Total | | 639 |
| Names repeated | | 174 |
| Net total | | 465 |

## BY CO-OPERATING CONFERENCES

| | |
|---|---|
| Allegheny | 41 |
| East Ohio | 49 |
| Erie | 5 |
| Miami | 56 |
| Michigan | 3 |
| Sandusky | 75 |
| Southeast Ohio | 199 |
| West Virginia | 9 |
| Not within coöperating territory | 28 |
| Total | 465 |

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## ALUMNI OFFICERS

### 1911-12

**President**

Rudolph H. Wagoner, A.M., '92

**Vice Presidents.**

Irvin Grayson Kumler, Ph.B., '91.
Mrs. Daisy Custer Shoemaker, Ph.B., '95.
Mrs. Alice Keister Weinland, A.B., '04.

**Secretary**

Otto Bishop Cornell, A.M., M.D., '02.

**Treasurer**

Apperson Arthur Nease, A.M., '88.

## FORM OF BEQUEST

\$..... .....191...

Desiring to promote the interests of Otterbein University, of Westerville, Ohio, and induce others to subscribe and contribute money for that purpose..... do hereby promise to pay to said Otterbein University .....dollars, to be paid out of.....estate one day after..... To be used as Endowment Fund. (Or Buildings or Scholarship or Contingent.)

.....

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Witnesses.

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## BEQUESTS

Otterbein University, like all similar institutions, depends largely upon the benevolences of its friends. Student fees are only a small portion of the income of the institution. Persons planning to dispose of their fortunes will do well to look toward Otterbein as a worthy object of their benevolences. The institution has greatly outgrown its present limited income. There is pressing need for the half-million dollars' new endowment being solicited, for a number of new buildings, and for the establishment of scholarships.

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*Carnegie Library*

*President's House and Science Building*

*Looking Down College Avenue*

*A Corner of the Campus*

*Lambert Music and Art Hall*

*Association Building*

*Cochran Hall*

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